

FIG. 1

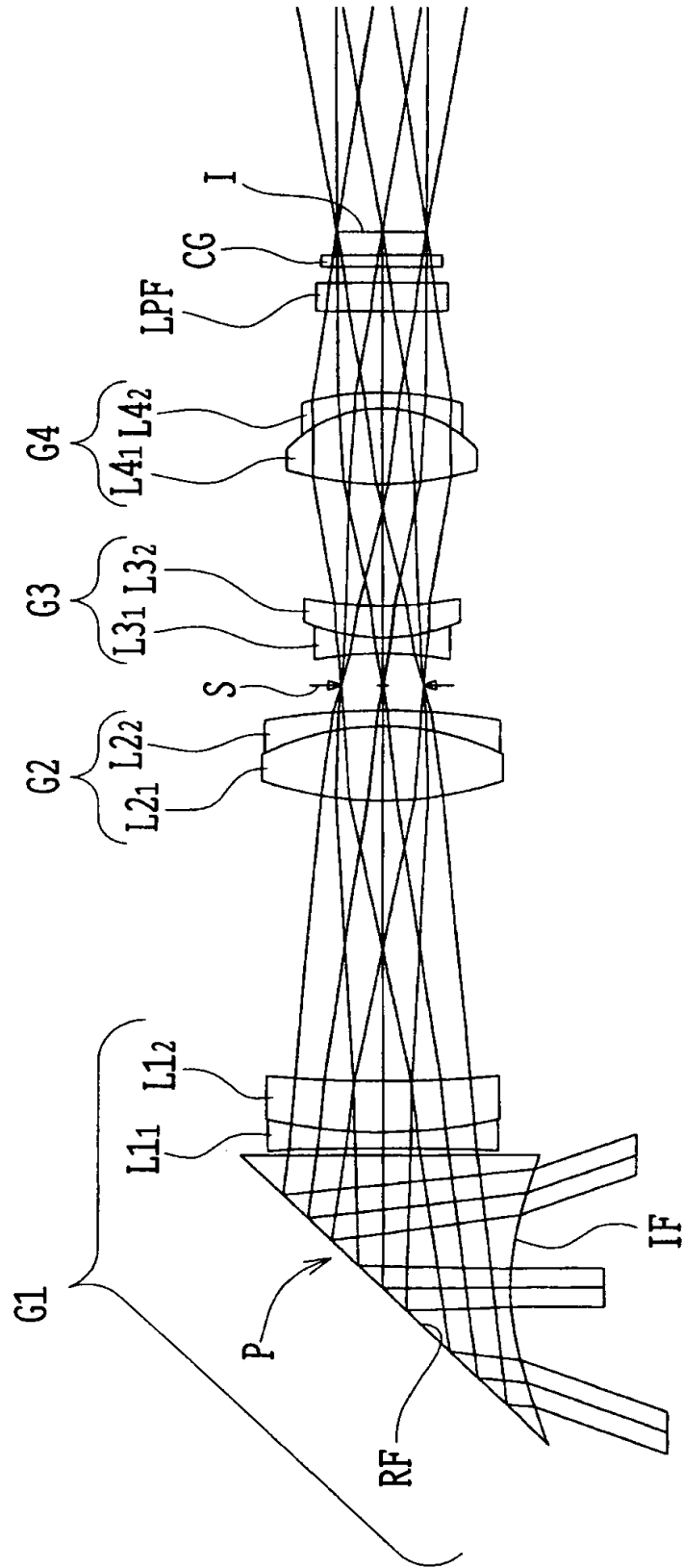


FIG. 2A

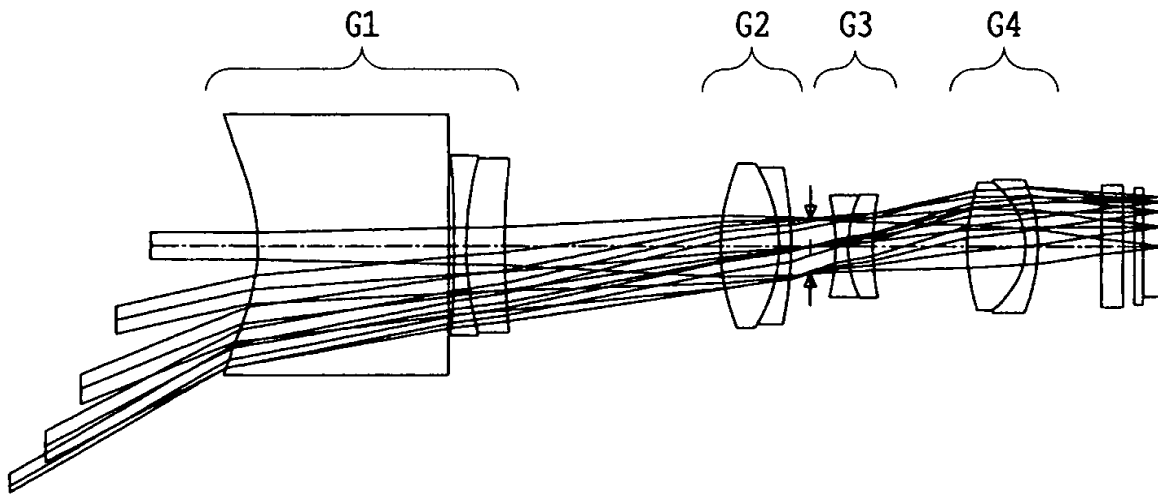


FIG. 2B

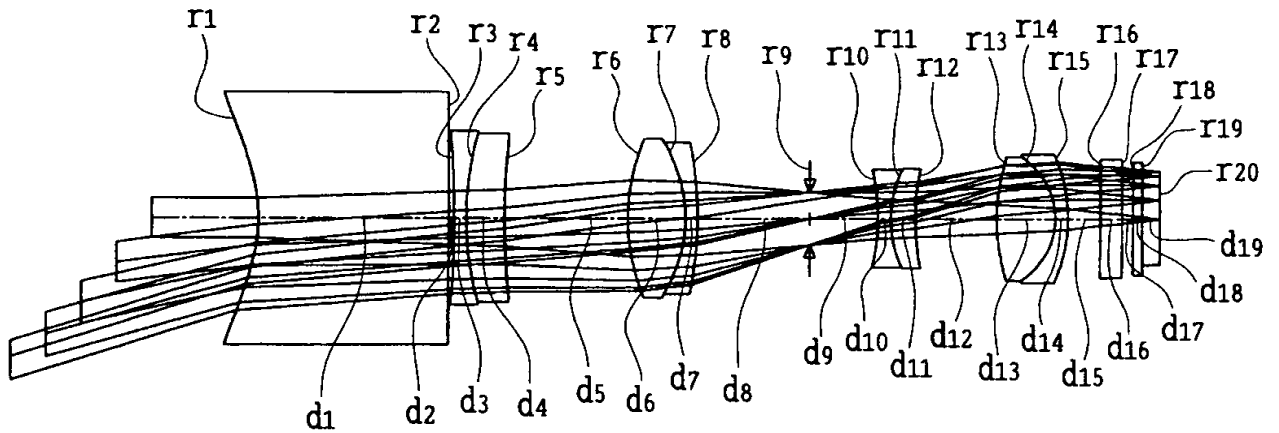


FIG. 2C

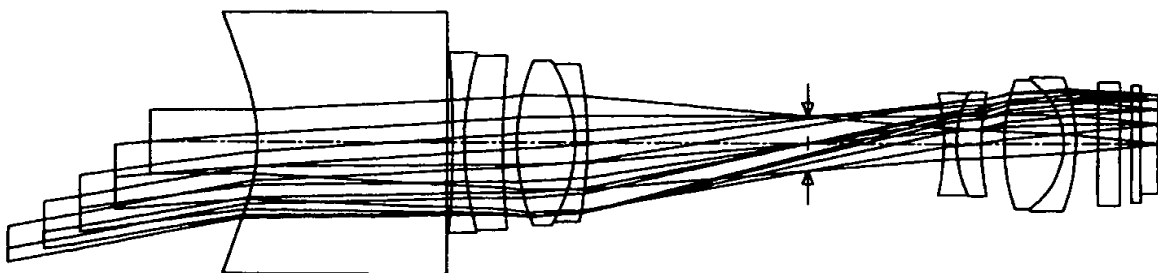


FIG. 3A

SPHERICAL
ABERRATION

FNO. 3.055

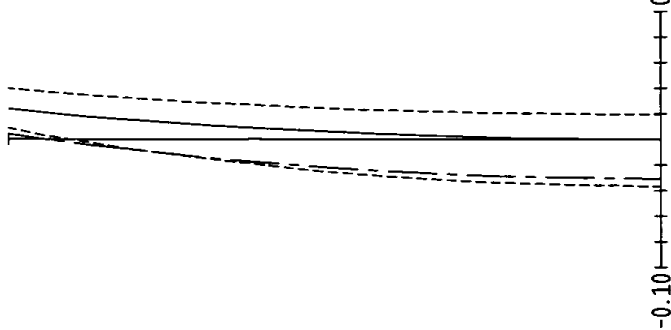


FIG. 3B

ASTIGMATISM

IH 3.00

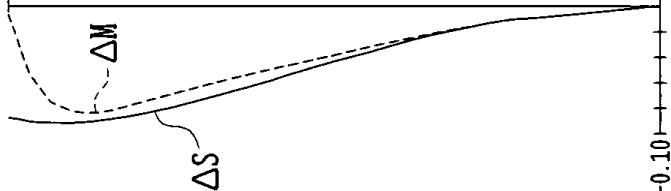


FIG. 3C

DISTORTION

IH 3.00

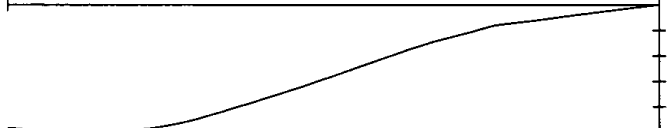
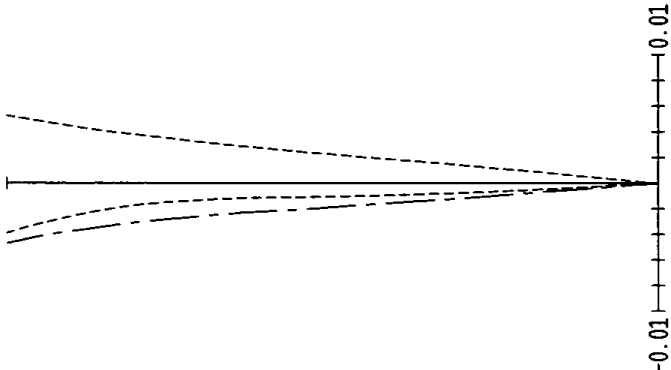


FIG. 3D

CHROMATIC ABERRATION
OF MAGNIFICATION

IH 3.00



435.83	-----
486.13	-----
656.27	-----
587.56	-----

FIG. 4A

SPHERICAL
ABERRATION

FNO. 3.458

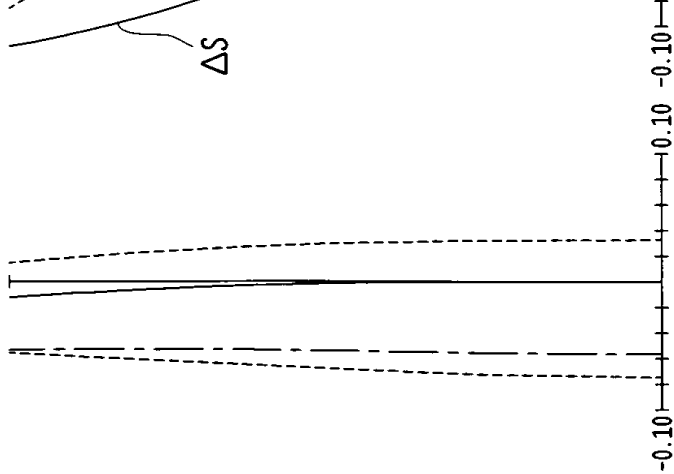


FIG. 4B

ASTIGMATISM

IH 3.00

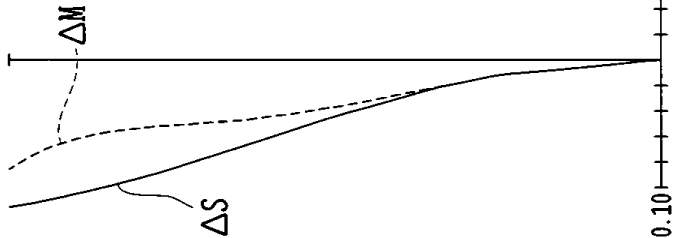


FIG. 4C

DISTORTION

IH 3.00



FIG. 4D

CHROMATIC ABERRATION
OF MAGNIFICATION

IH 3.00

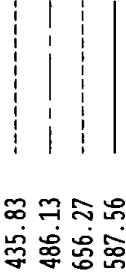
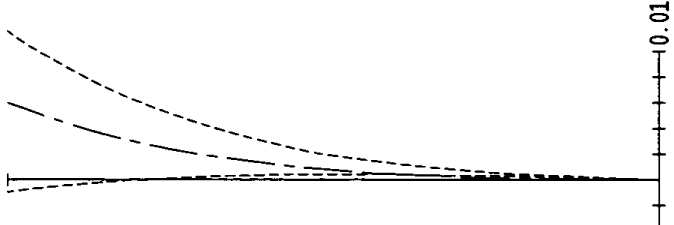


FIG. 5A

SPHERICAL
ABERRATION

FNO. 3.775

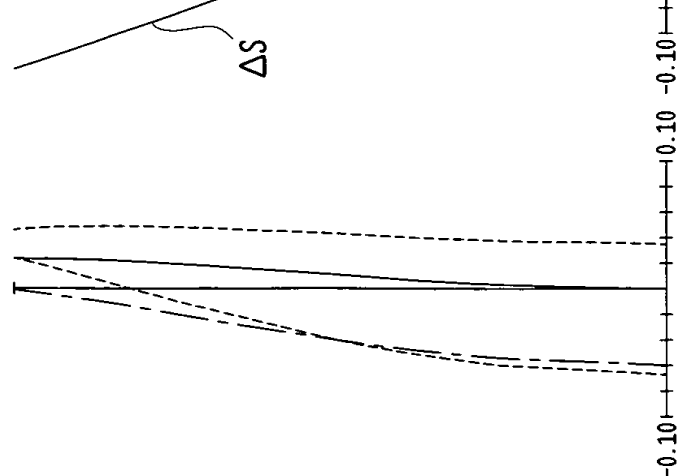


FIG. 5B

ASTIGMATISM

IH 3.00

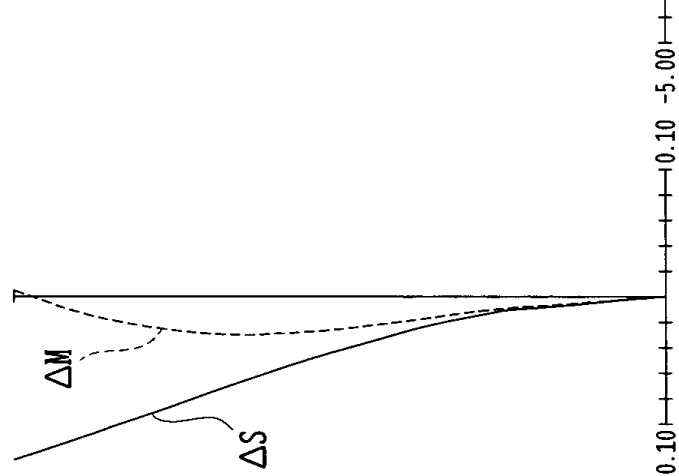


FIG. 5C

DISTORTION

IH 3.00

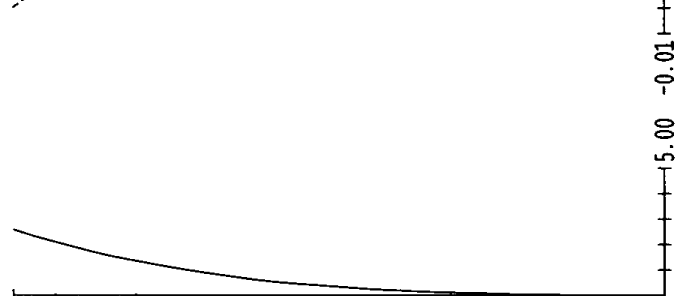
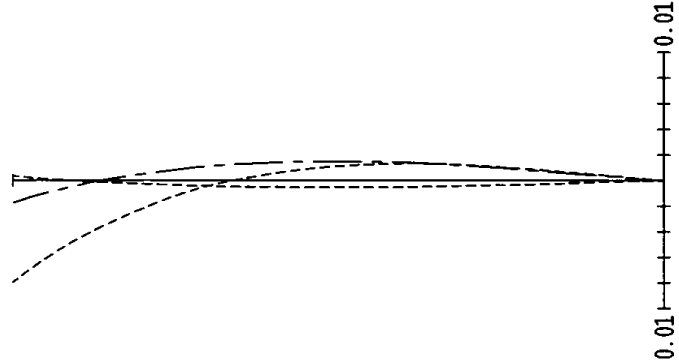


FIG. 5D

CHROMATIC ABERRATION
OF MAGNIFICATION

IH 3.00



- 435.83
- 486.13
- 656.27
- 587.56

FIG. 6A

SPHERICAL
ABERRATION

FNO. 3.047

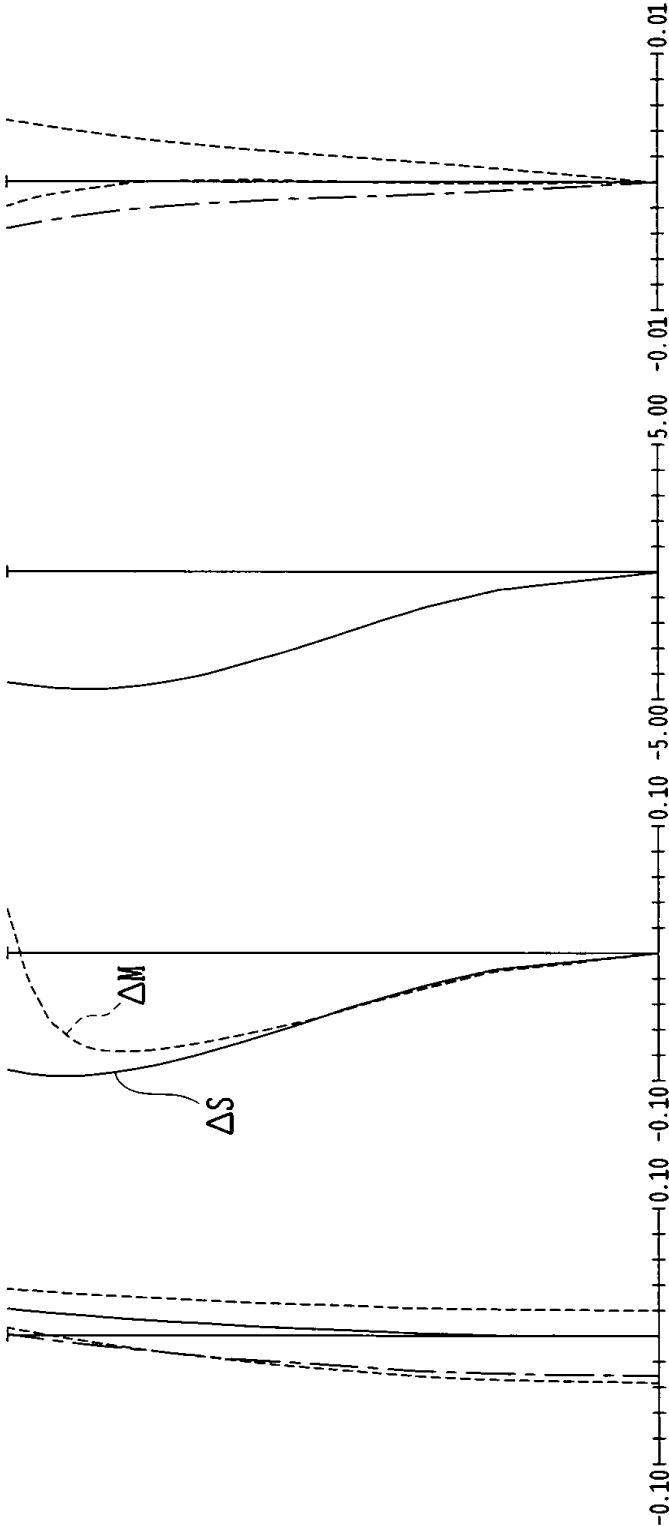


FIG. 6B

ASTIGMATISM

IH 3.00

ΔM

ΔS

FIG. 6C

DISTORTION

IH 3.00

FIG. 6D

CHROMATIC ABERRATION
OF MAGNIFICATION

IH 3.00

- 435.83
- 486.13
- 656.27
- 587.56

FIG. 7A

SPHERICAL
ABERRATION

FNO. 3.397

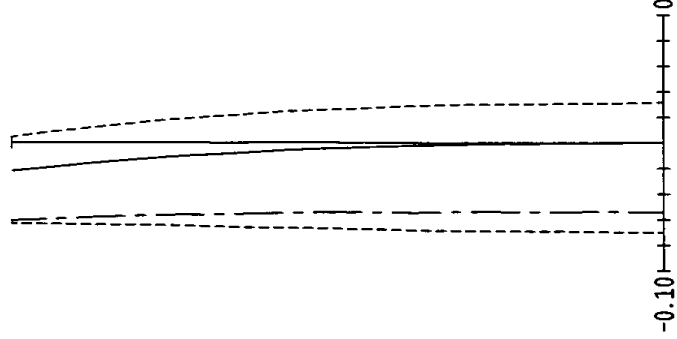


FIG. 7B

ASTIGMATISM

IH 3.00

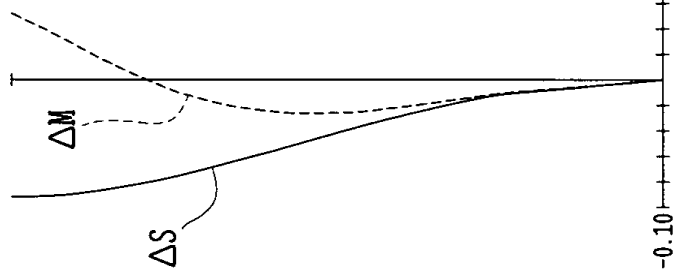


FIG. 7C

DISTORTION

IH 3.00

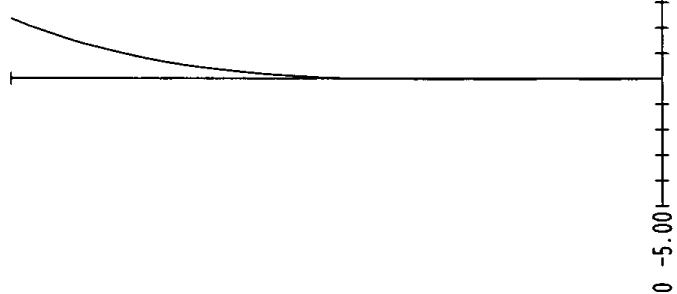
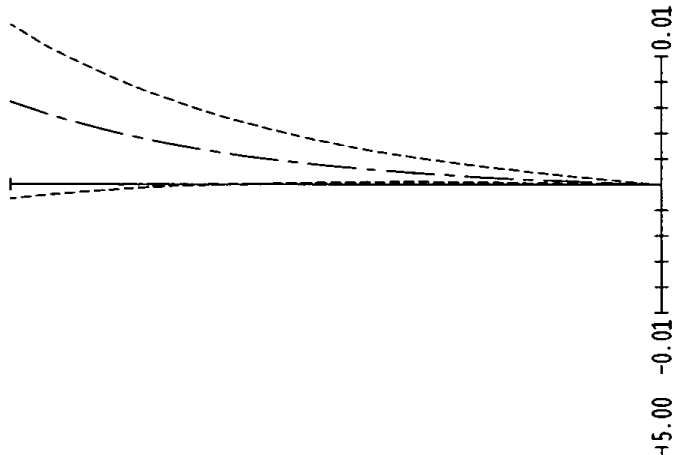


FIG. 7D

CHROMATIC ABERRATION
OF MAGNIFICATION

IH 3.00



435.83
486.13
656.27
587.56

FIG. 8A

SPHERICAL
ABERRATION

FNO. 3.569

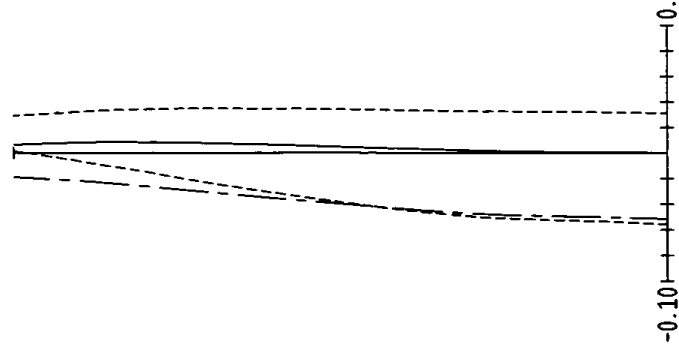


FIG. 8B

ASTIGMATISM

IH 3.00

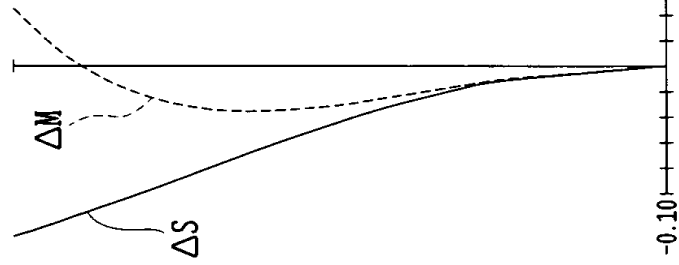


FIG. 8C

DISTORTION

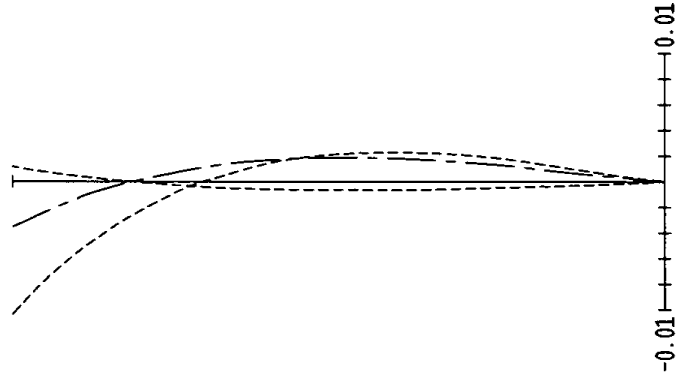
IH 3.00



FIG. 8D

CHROMATIC ABERRATION
OF MAGNIFICATION

IH 3.00



435.83
486.13
656.27
587.56

FIG. 9

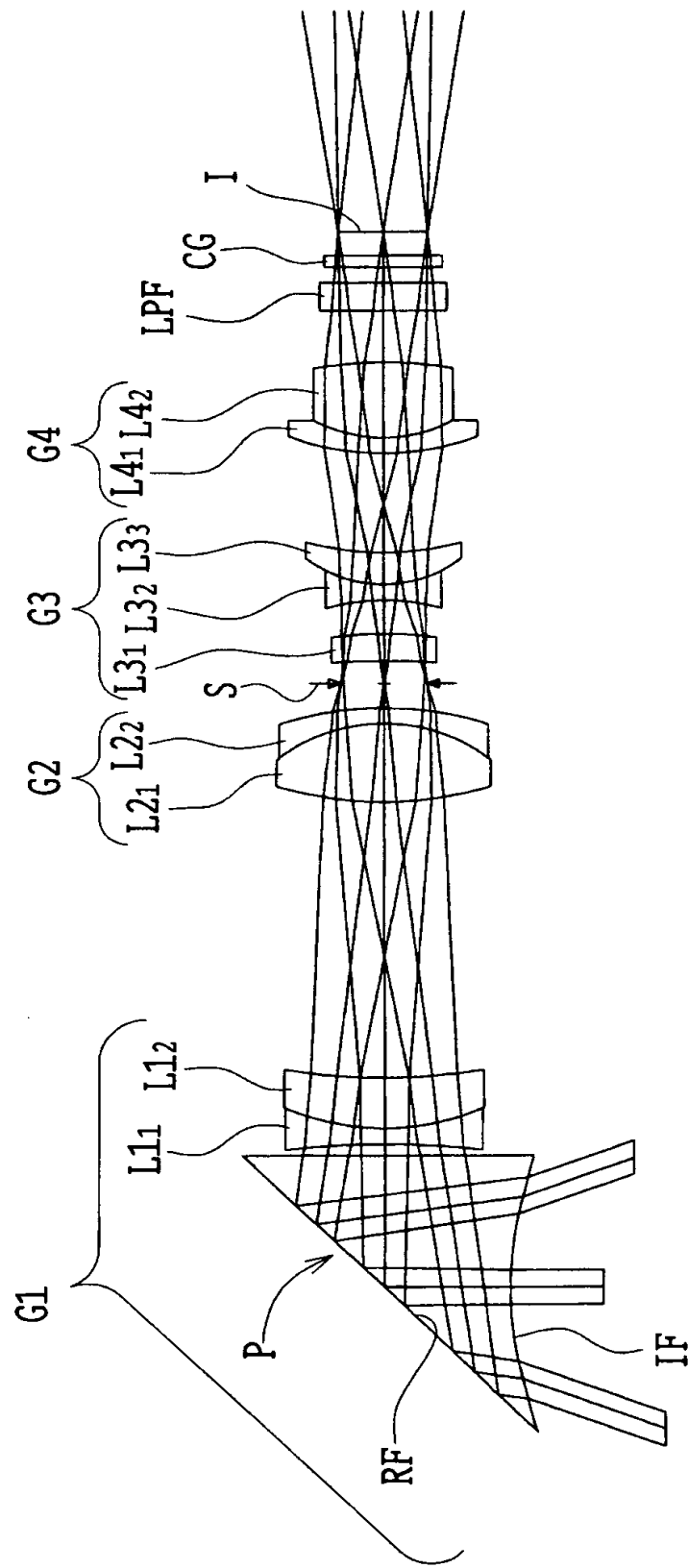


FIG. 10A

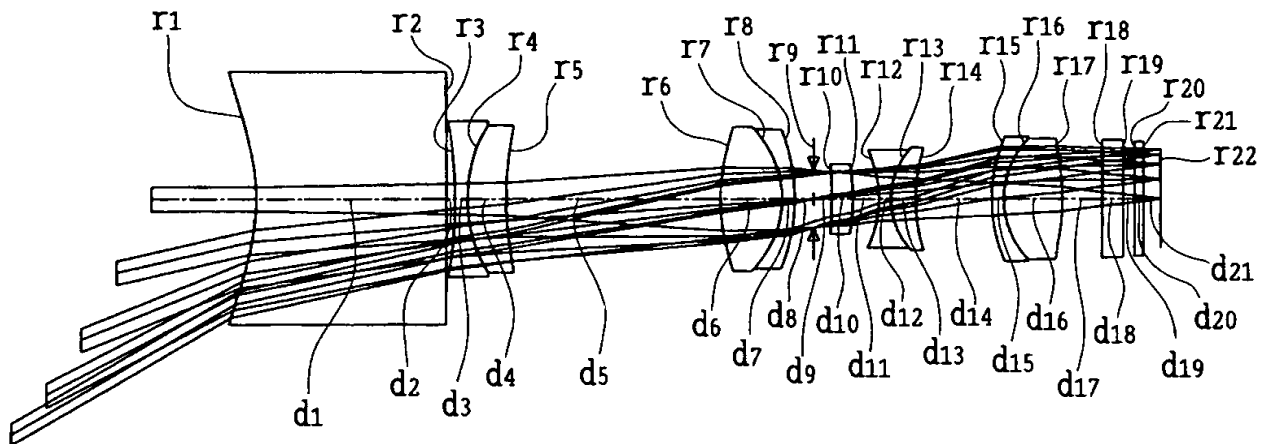


FIG. 10B

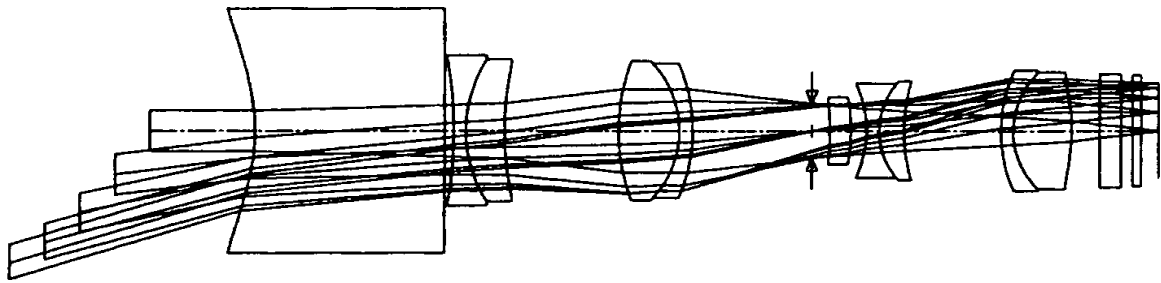


FIG. 10C

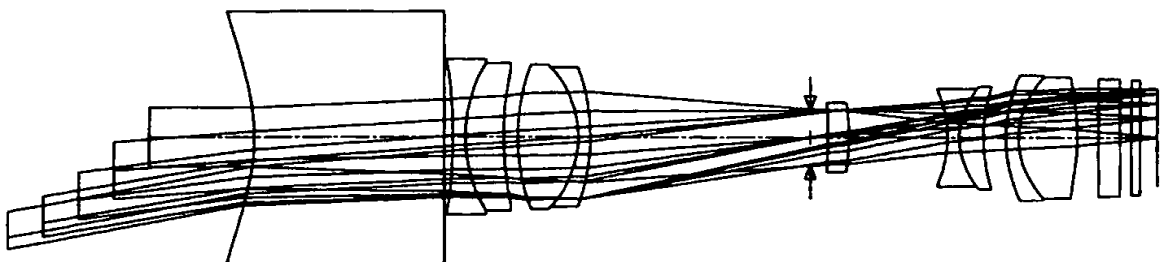
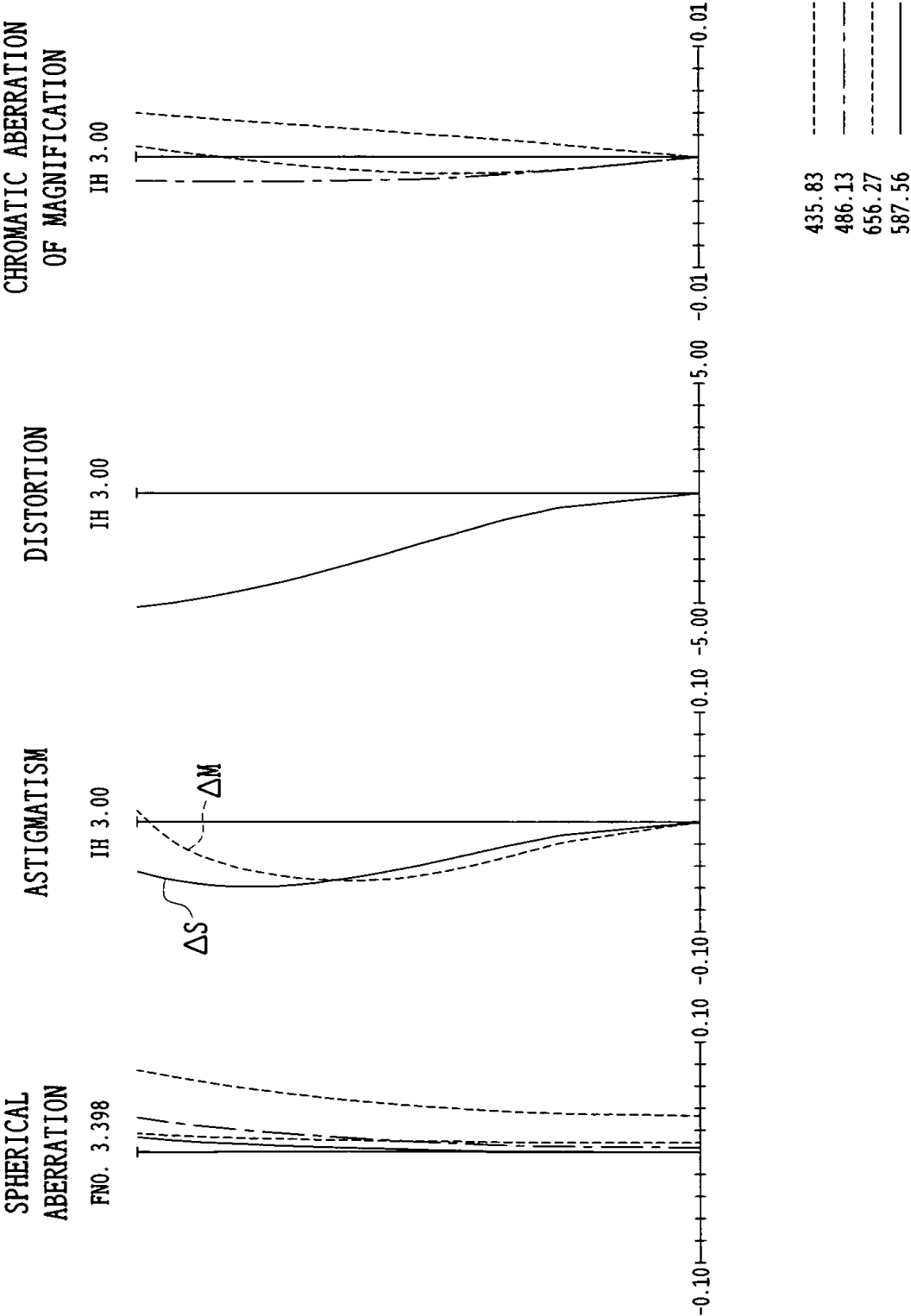


FIG. 11A

FIG. 11B

FIG. 11C

FIG. 11D



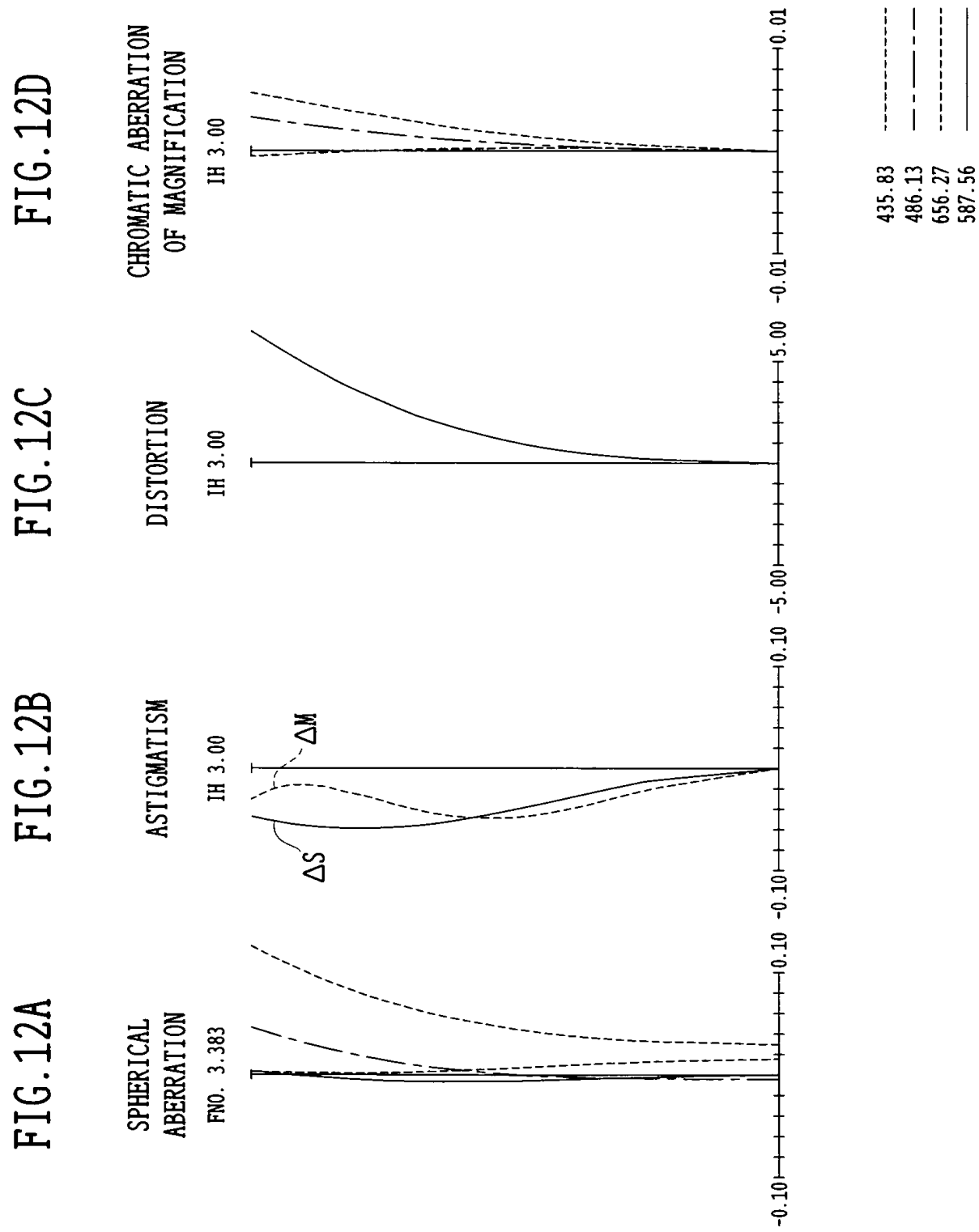


FIG.13A

SPHERICAL
ABERRATION

FNO. 4.027

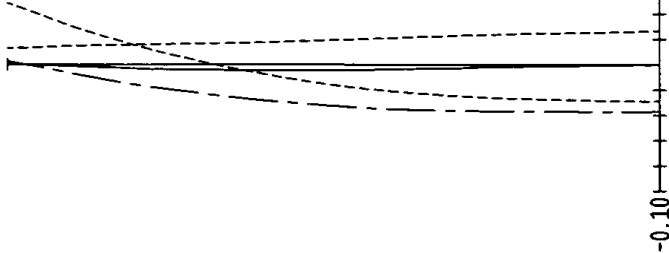


FIG.13B

ASTIGMATISM

IH 3.00

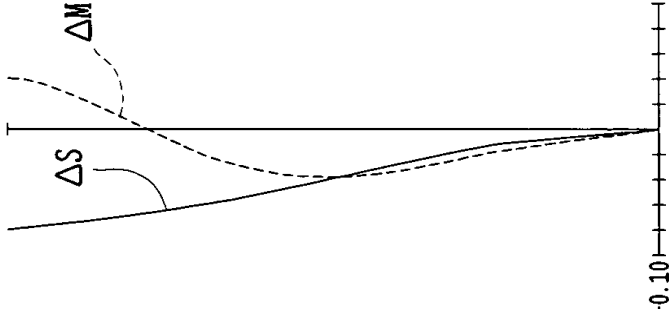


FIG.13C

DISTORTION

IH 3.00

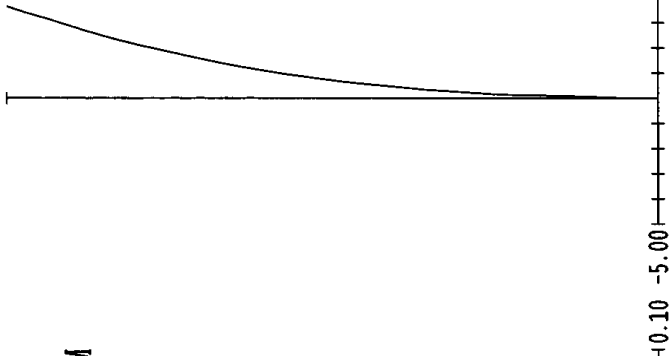
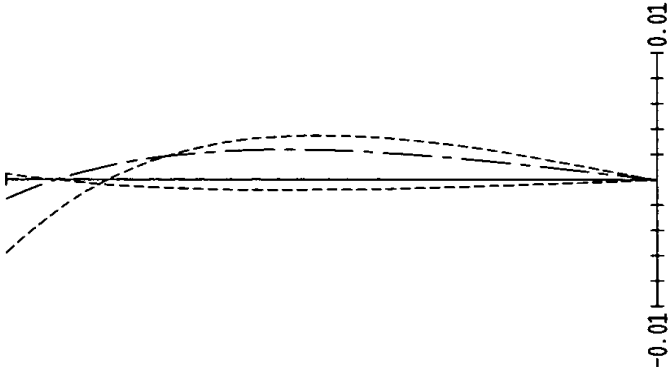


FIG.13D

CHROMATIC ABERRATION
OF MAGNIFICATION

IH 3.00



435.83
486.13
656.27
587.56

FIG.14A

SPHERICAL
ABERRATION

FNO. 3.381

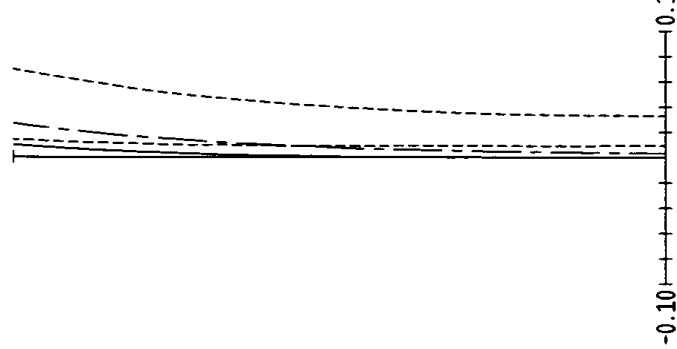


FIG.14B

ASTIGMATISM

IH 3.00

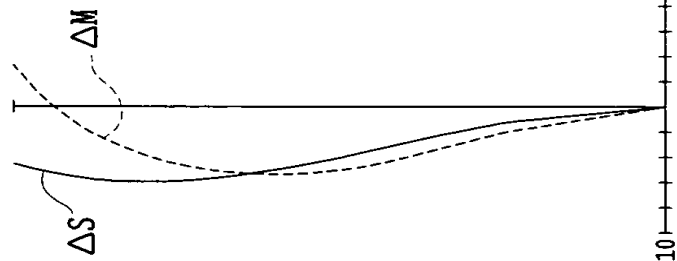


FIG.14C

DISTORTION

IH 3.00

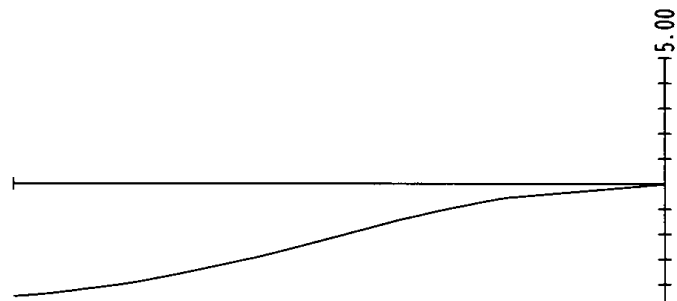
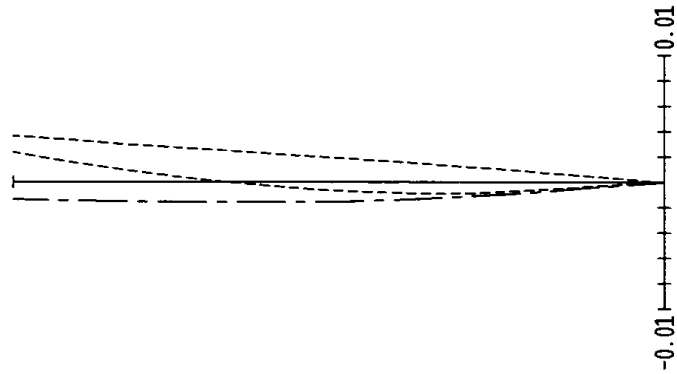


FIG.14D

CHROMATIC ABERRATION
OF MAGNIFICATION

IH 3.00



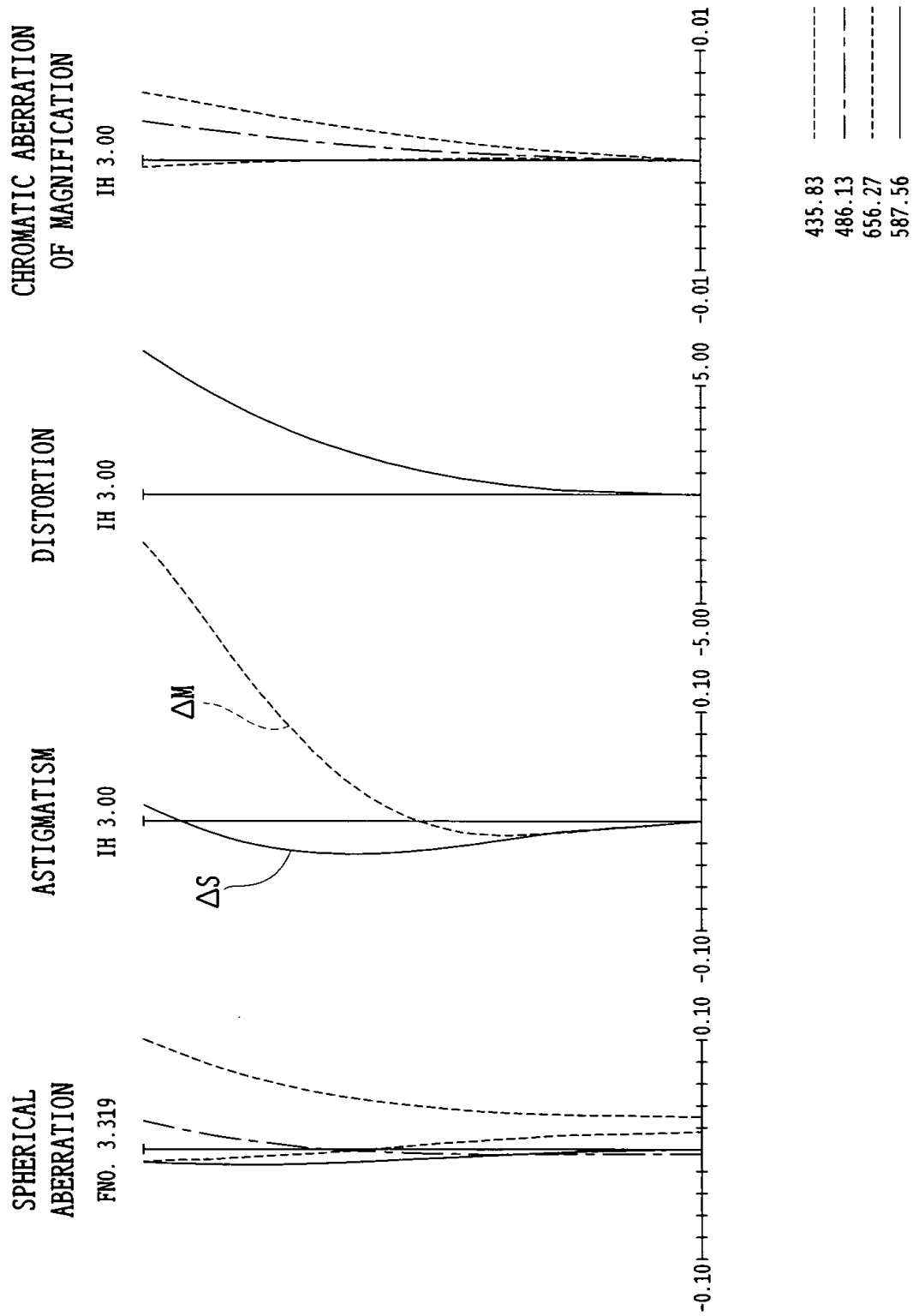
435.83	---
486.13	---
656.27	---
587.56	---

FIG.15A

FIG.15B

FIG.15C

FIG.15D





FNO. 3.799

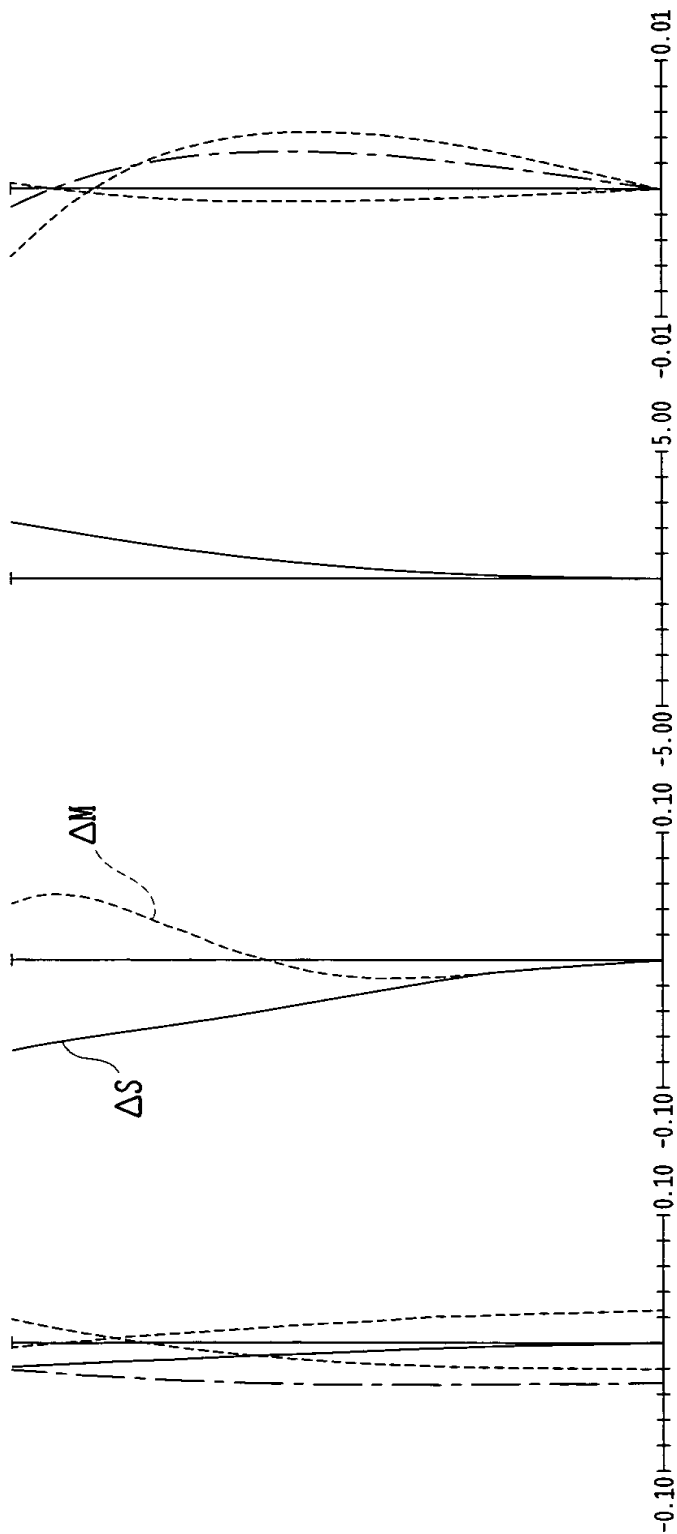


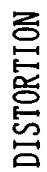
FIG. 16B



IH 3.00

 ΔS ΔH

FIG. 16C



IN 3.00

FIG. 16D



1H 3.00

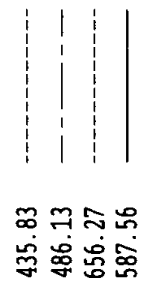


FIG.17

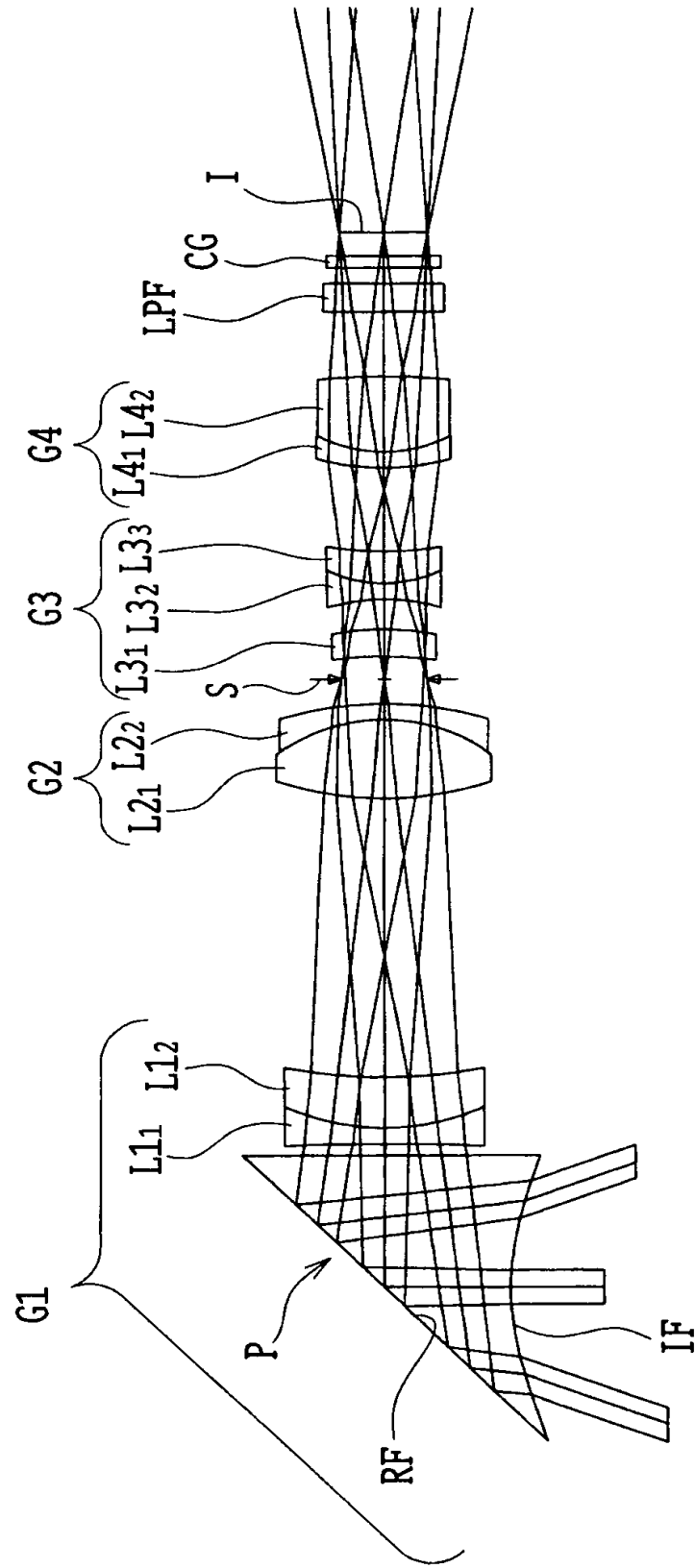


FIG. 18A

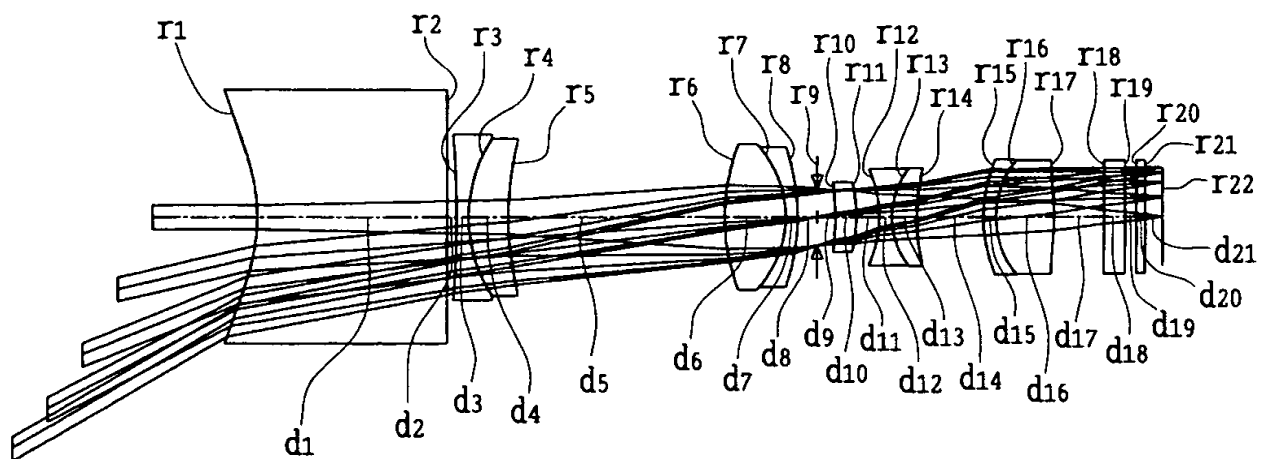


FIG. 18B

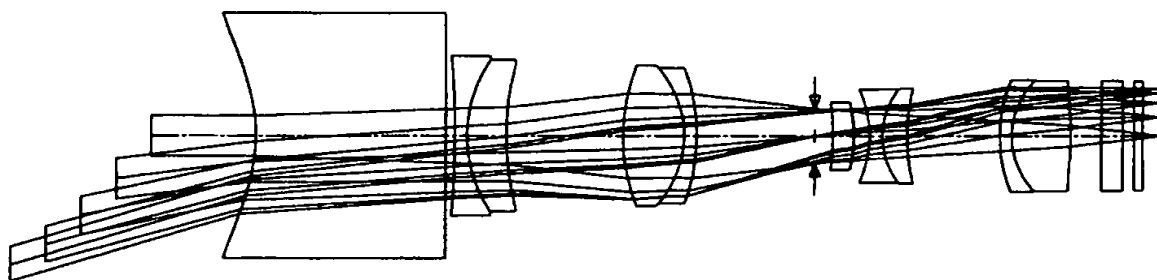


FIG. 18C

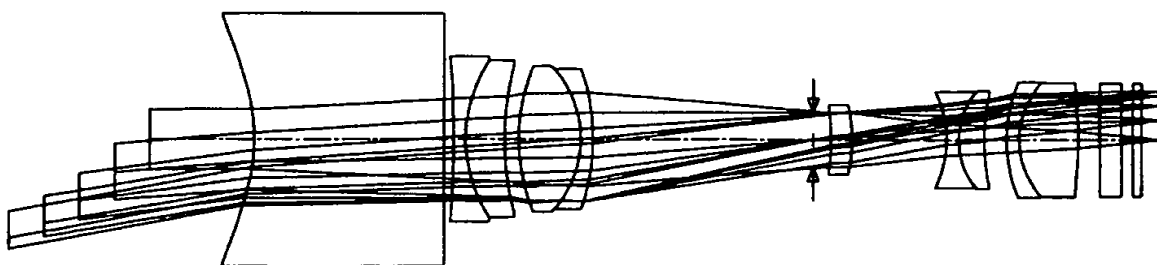


FIG.19A

FIG.19B

FIG.19C

FIG.19D

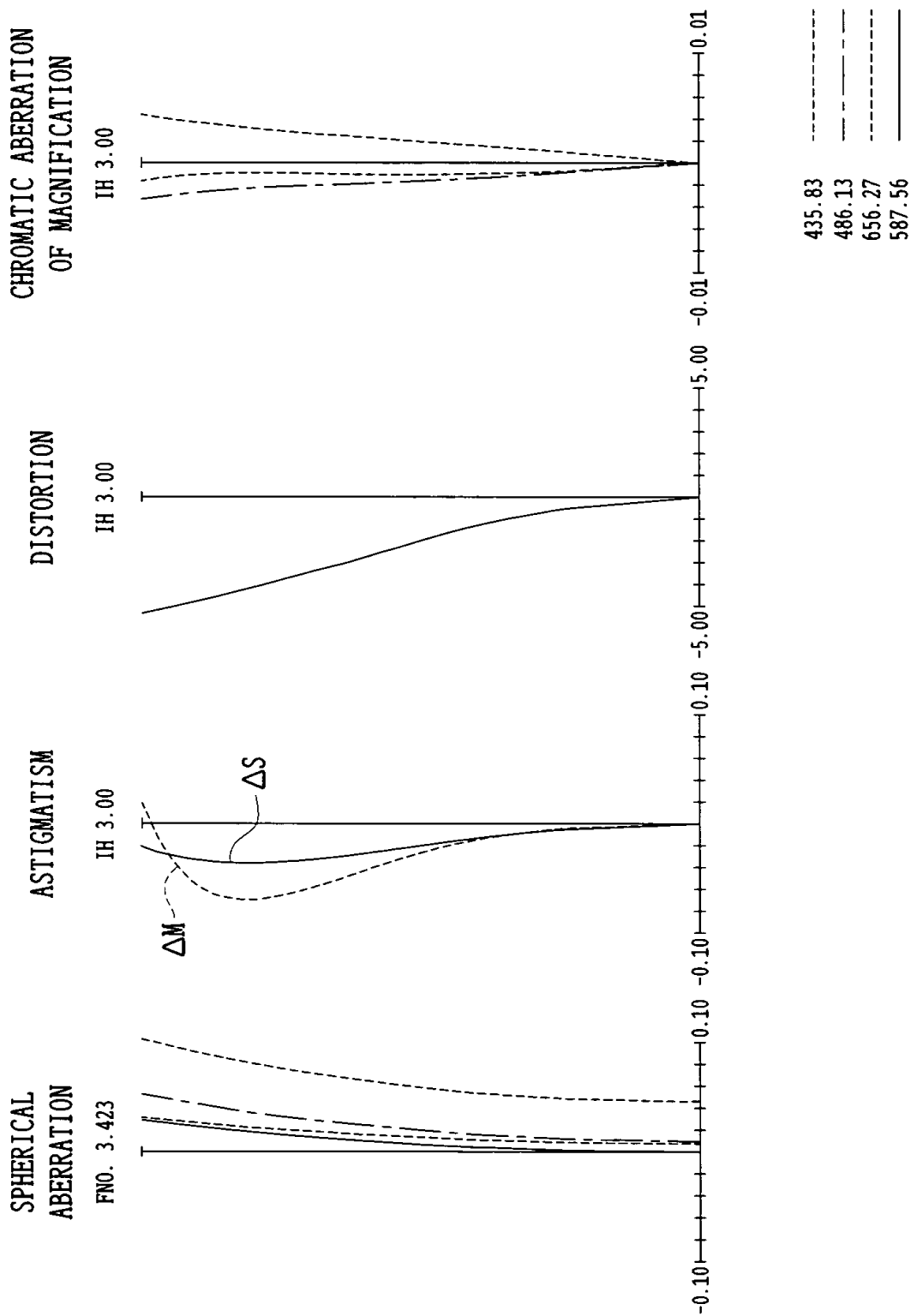
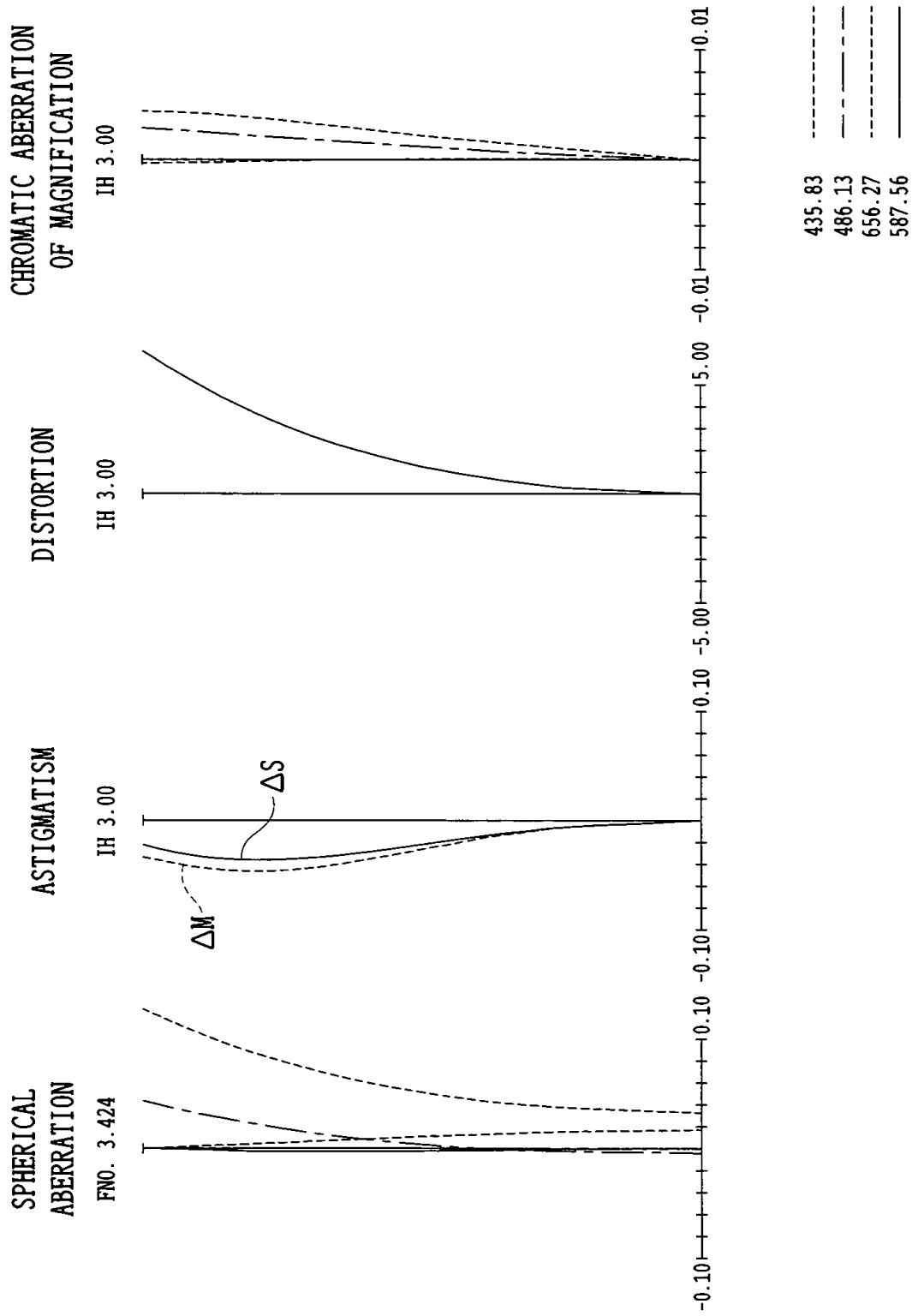


FIG. 20A

FIG. 20B

FIG. 20C

FIG. 20D



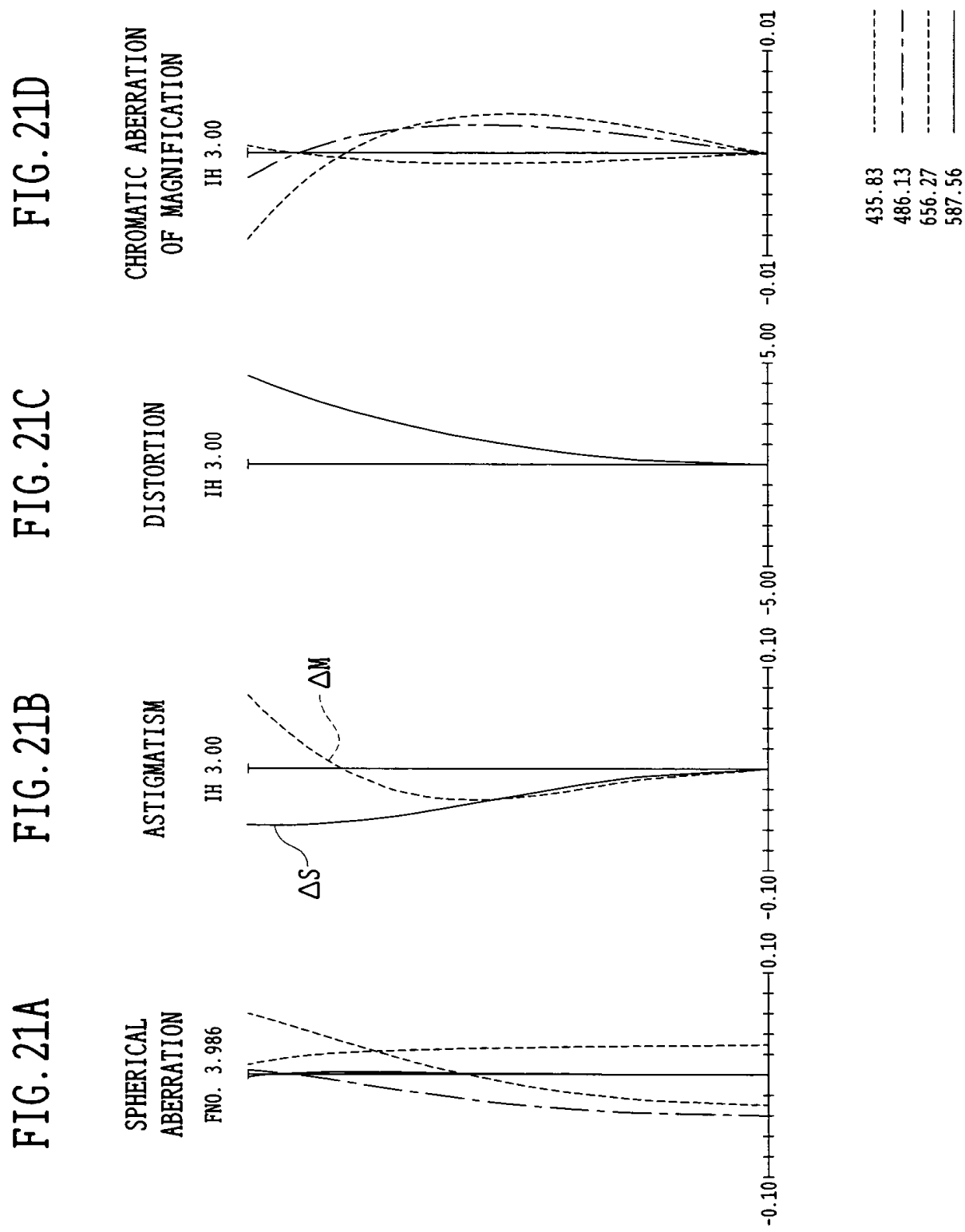


FIG. 22A

FIG. 22B

FIG. 22C

FIG. 22D



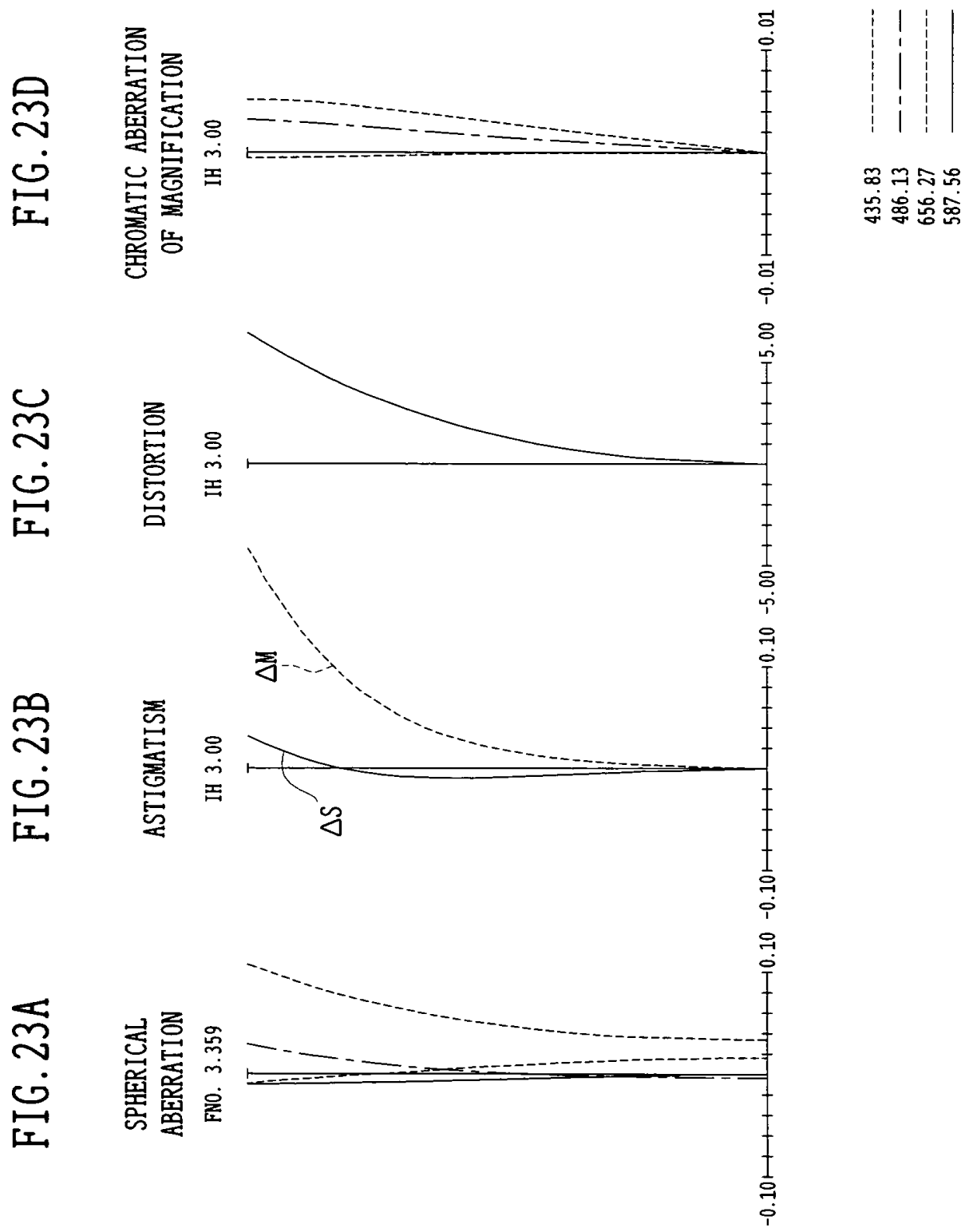


FIG. 24A

FIG. 24B

FIG. 24C

FIG. 24D

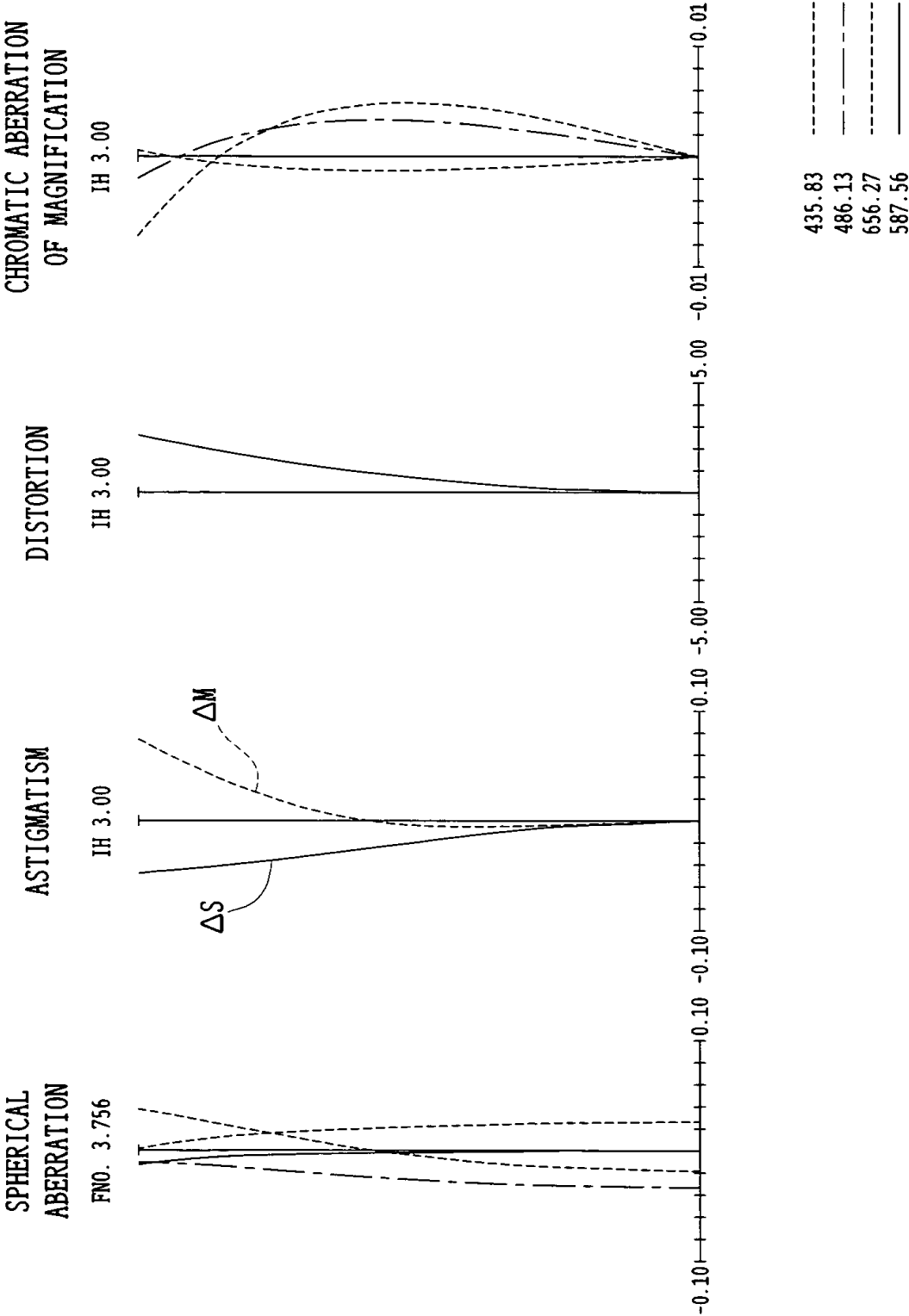


FIG. 25

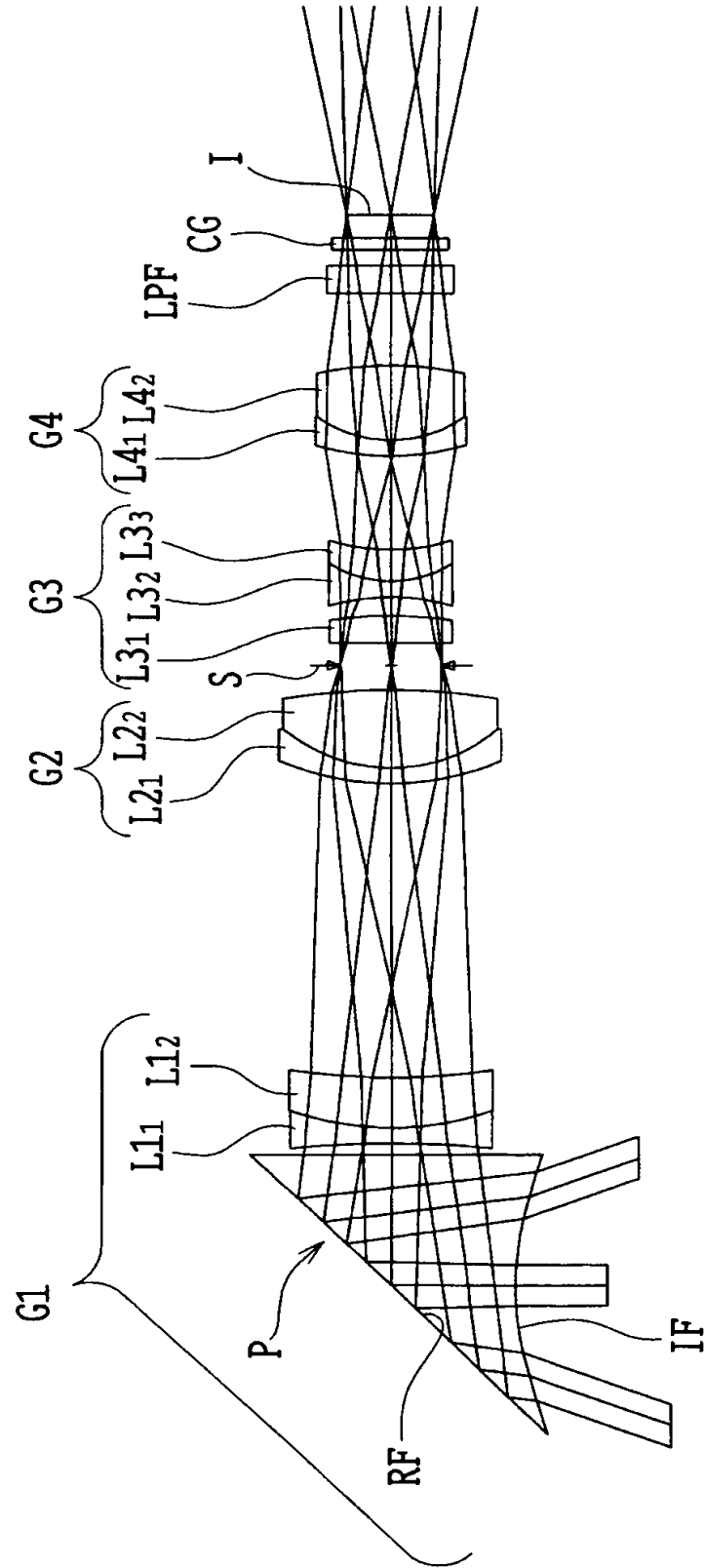


FIG. 26A

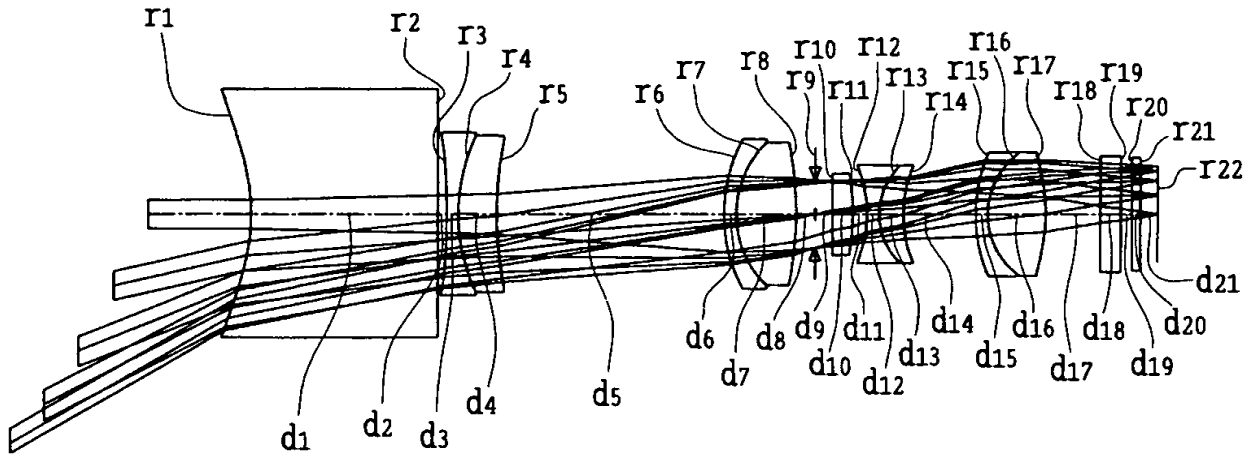


FIG. 26B

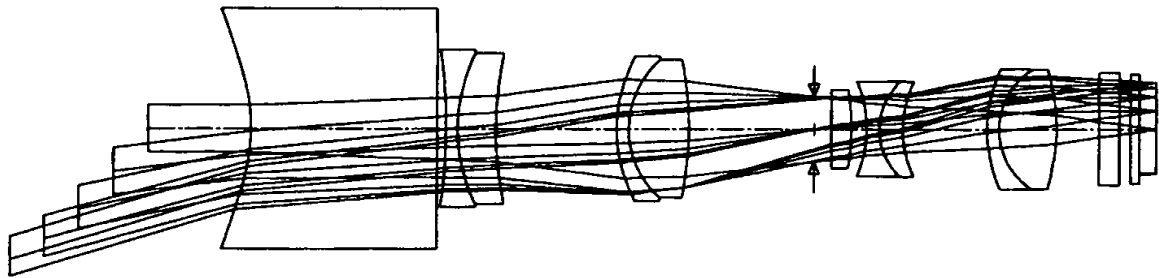


FIG. 26C

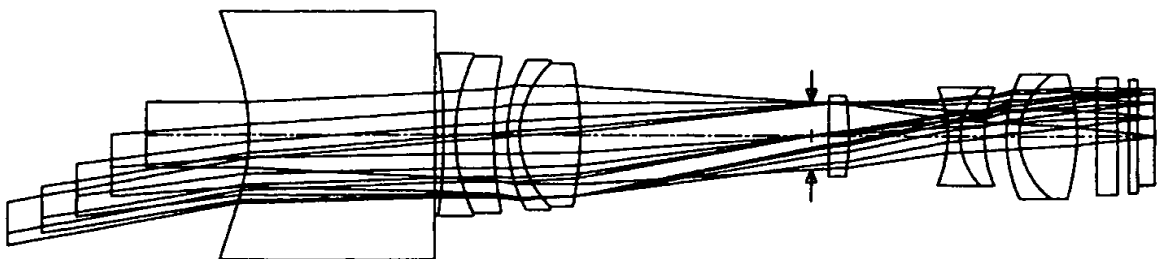
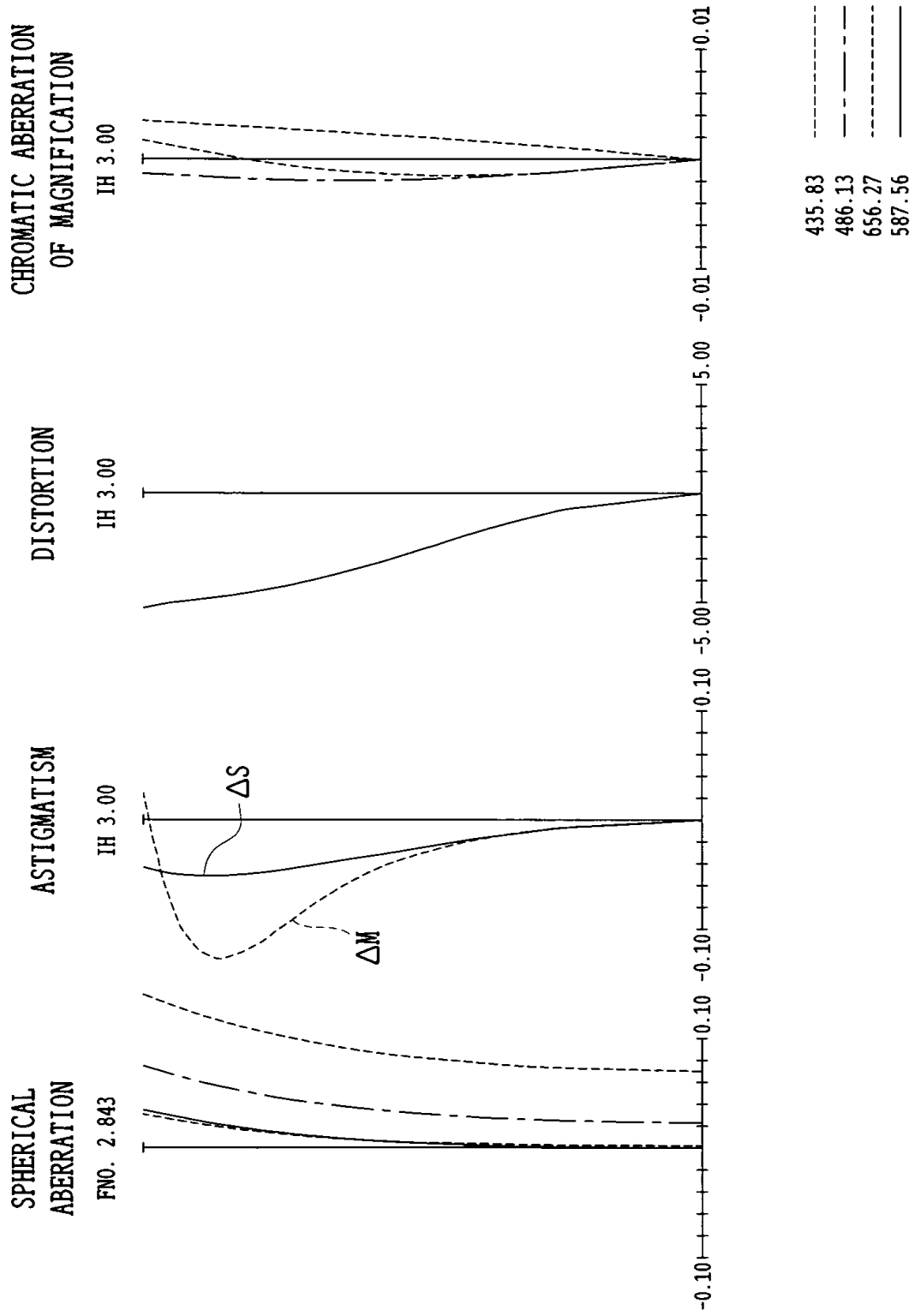


FIG. 27A

FIG. 27B

FIG. 27C

FIG. 27D





FNO. 2.842

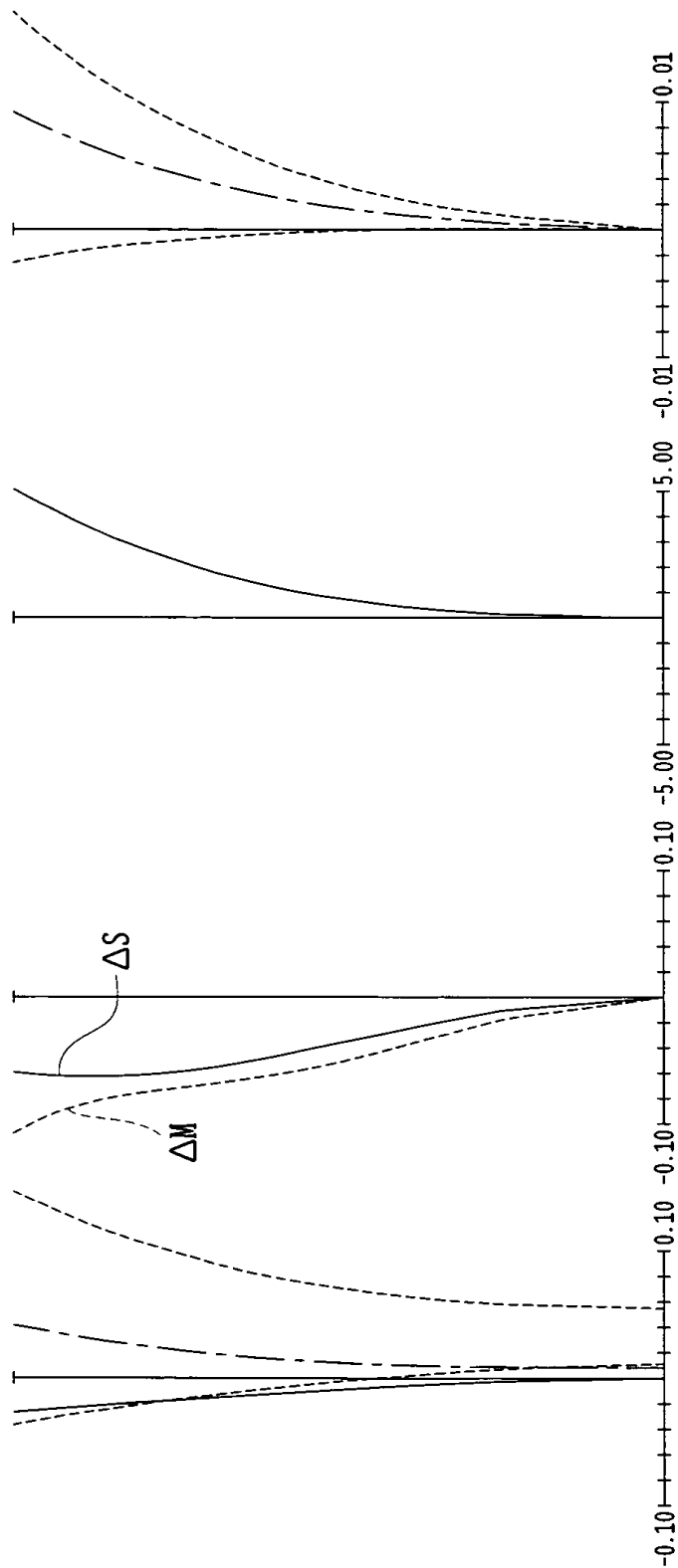


FIG. 28B

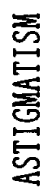
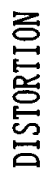
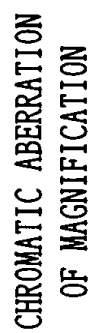
 ΔS ΔM

FIG. 28C



IH 3.00

FIG. 28D



IH 3.00

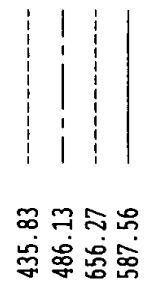
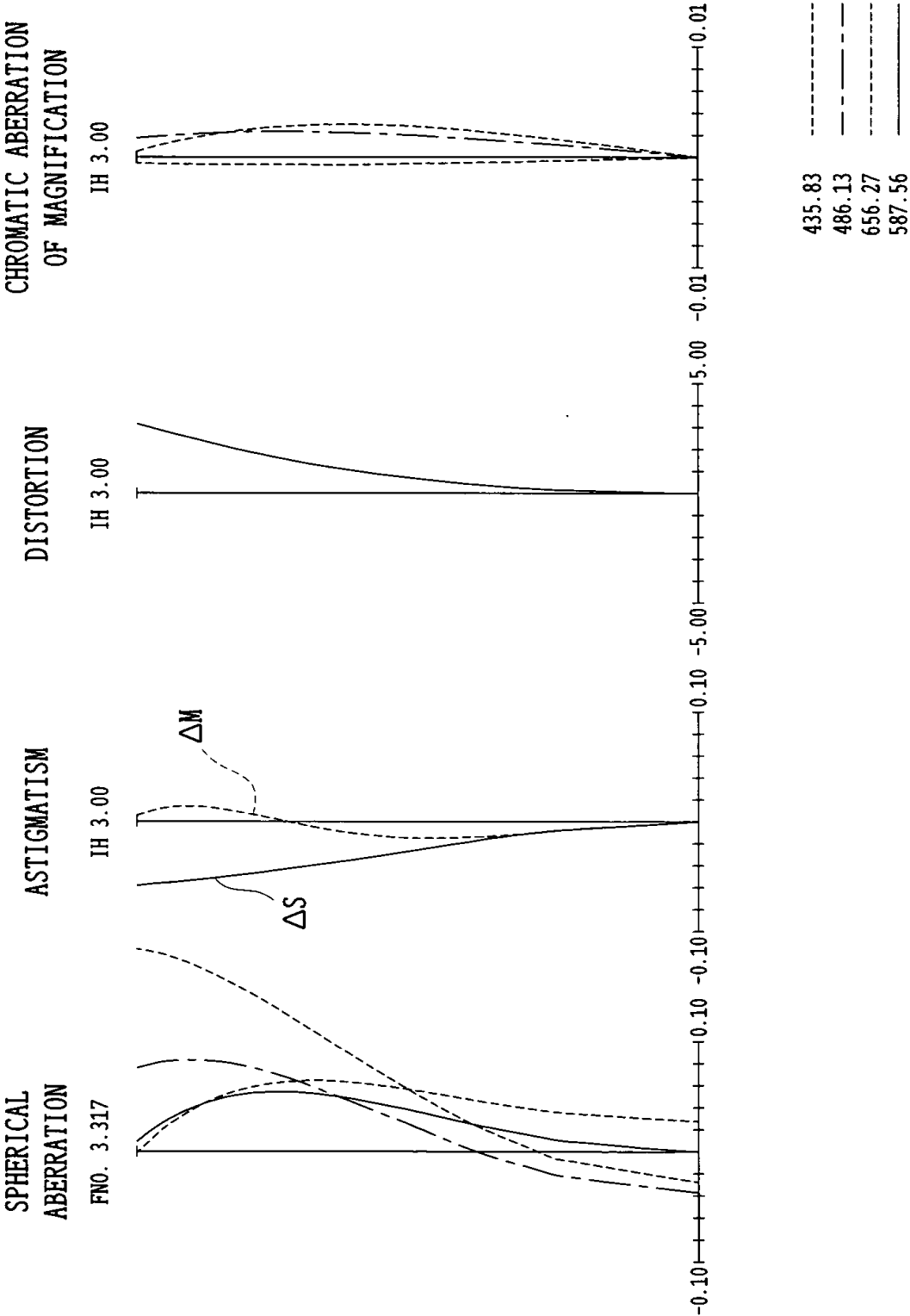


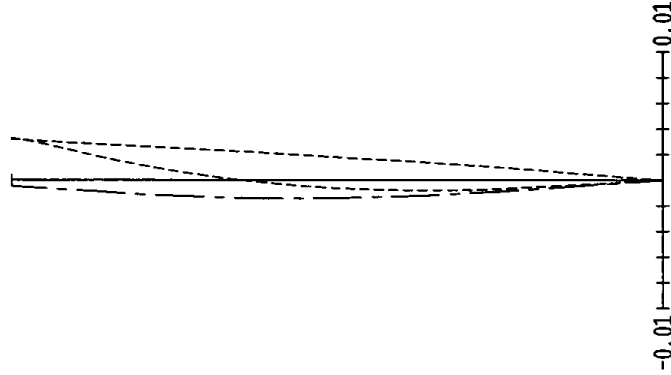
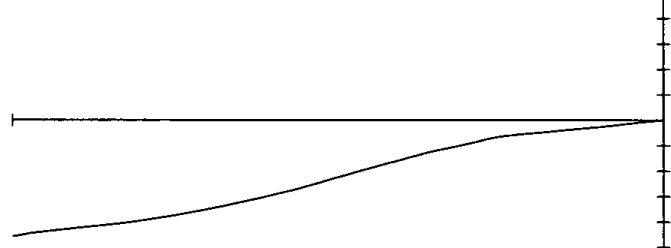
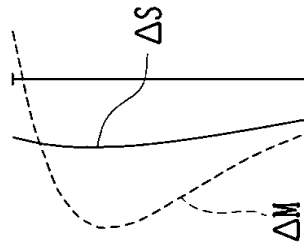
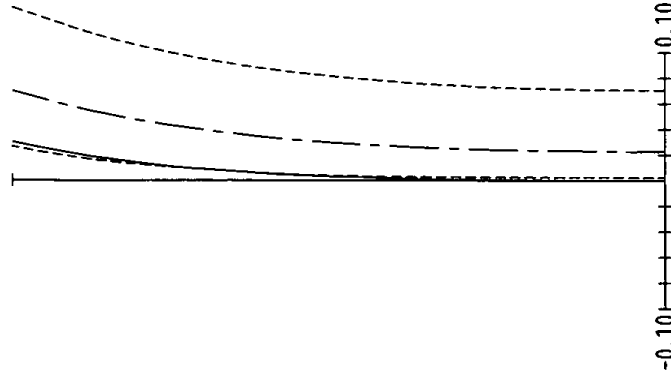
FIG. 29A

FIG. 29B

FIG. 29C

FIG. 29D





1111

FIG. 31A

FIG. 31B

FIG. 31C

FIG. 31D

SPHERICAL
ABERRATION

ASTIGMATISM

DISTORTION

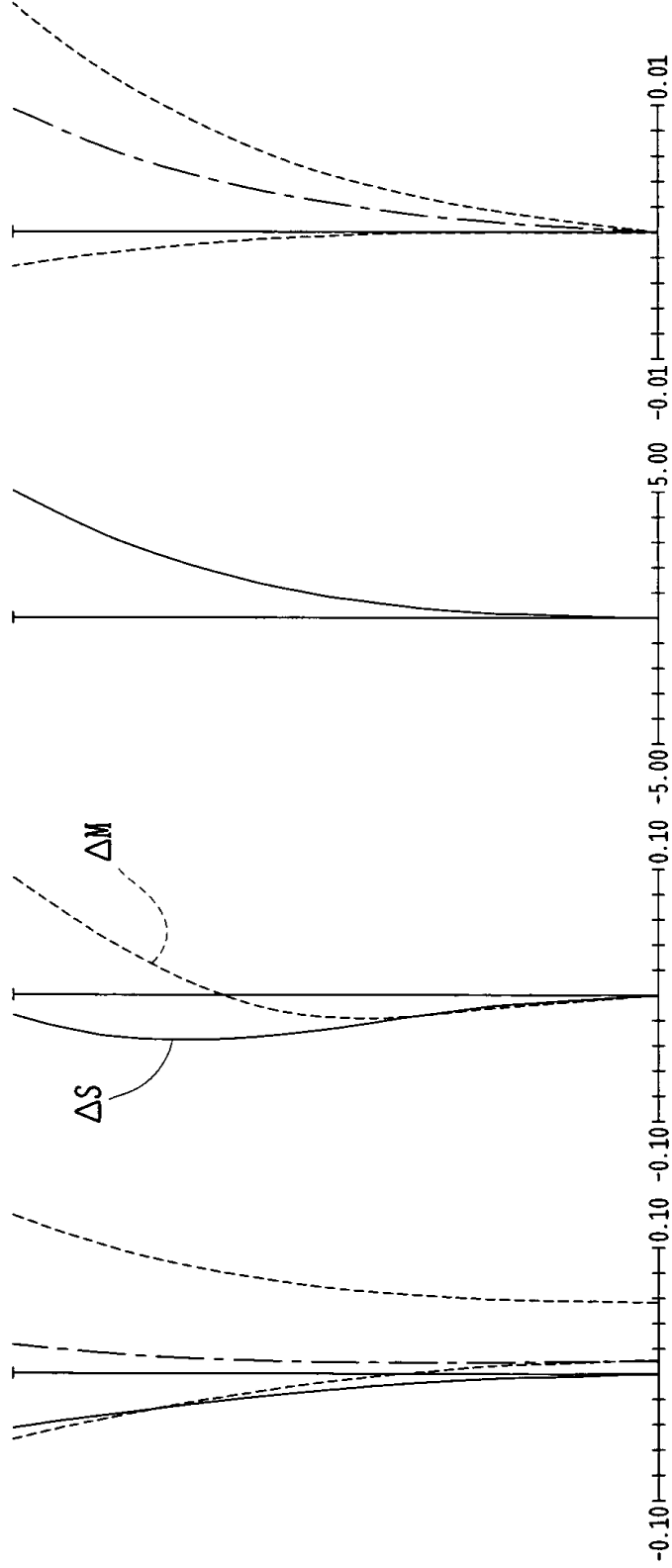
CHROMATIC ABERRATION
OF MAGNIFICATION

FNO. 2.789

IH 3.00

IH 3.00

IH 3.00



435.83
486.13
656.27
587.56

FIG. 32A

SPHERICAL
ABERRATION

FNO. 3.125

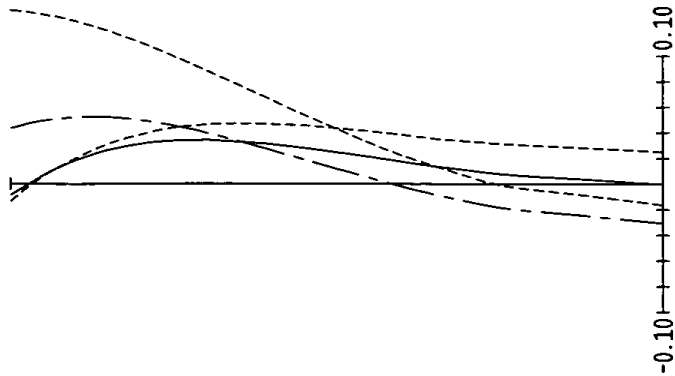


FIG. 32B

ASTIGMATISM

IH 3.00

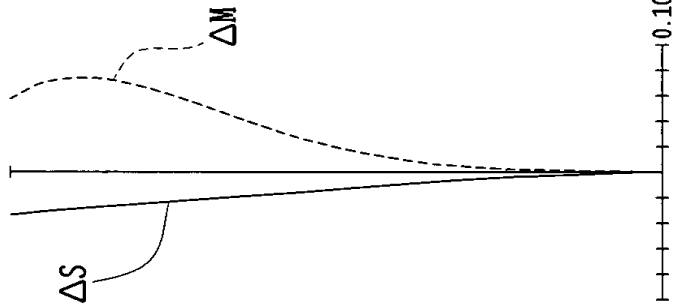


FIG. 32C

DISTORTION

IH 3.00

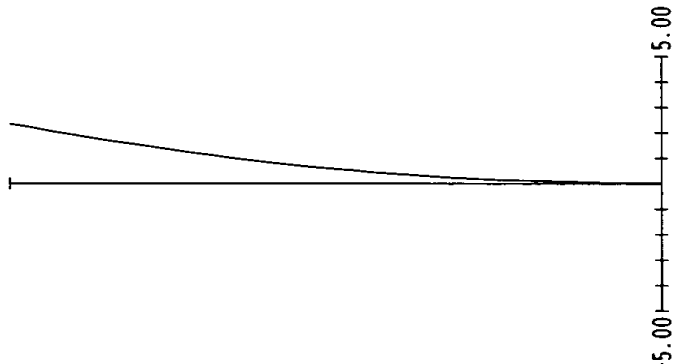
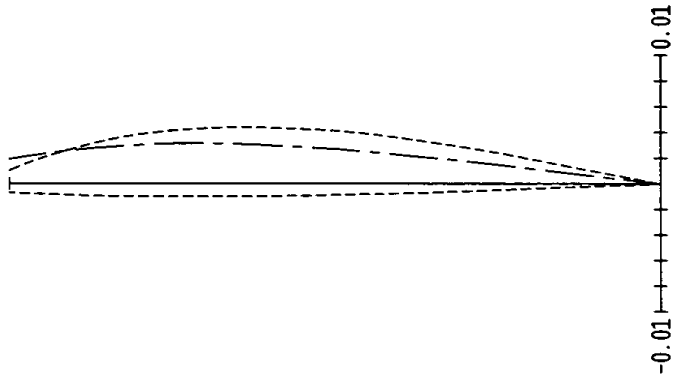


FIG. 32D

CHROMATIC ABERRATION
OF MAGNIFICATION

IH 3.00



435.83
486.13
656.27
587.56

FIG. 33

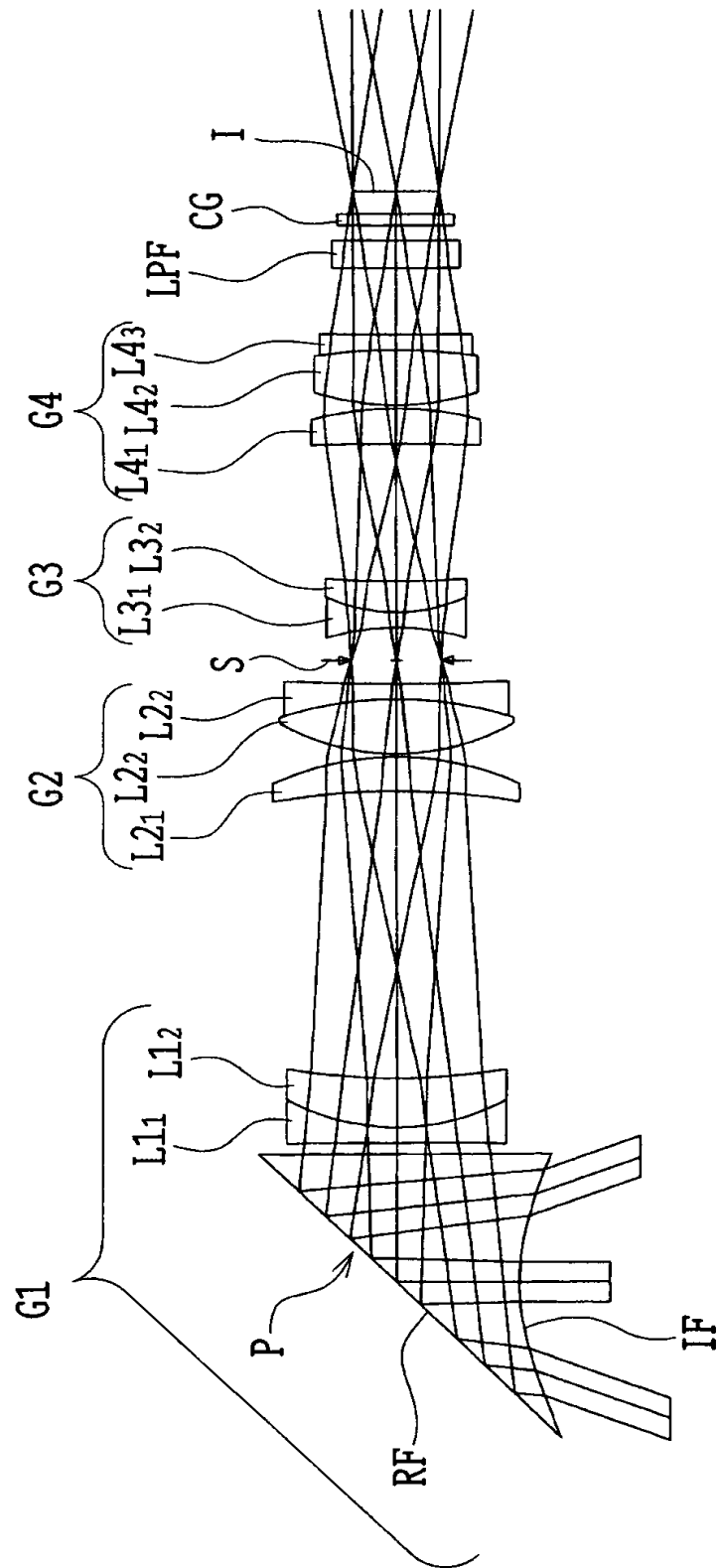


FIG. 34A

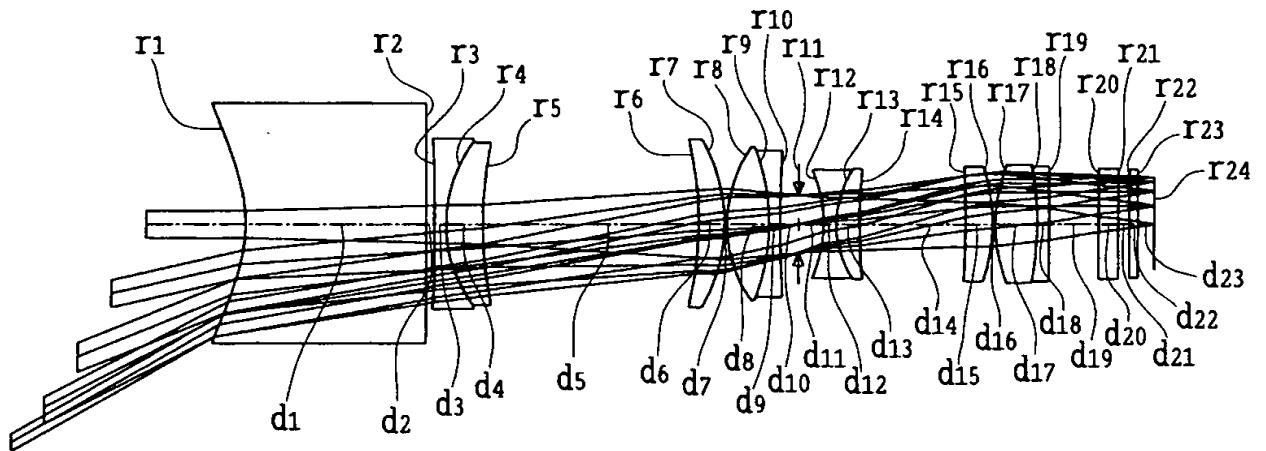


FIG. 34B

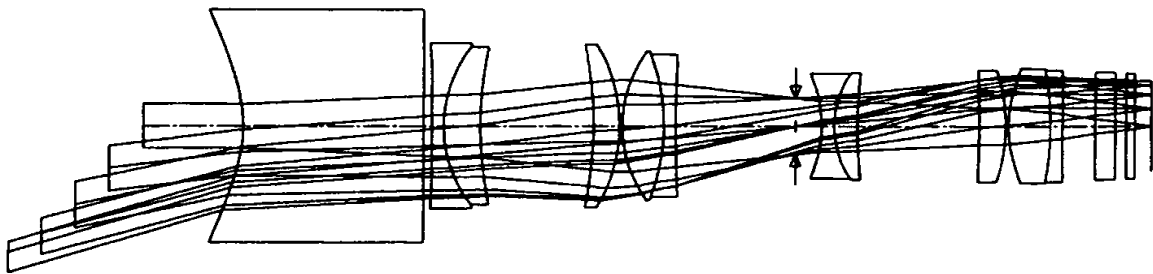


FIG. 34C

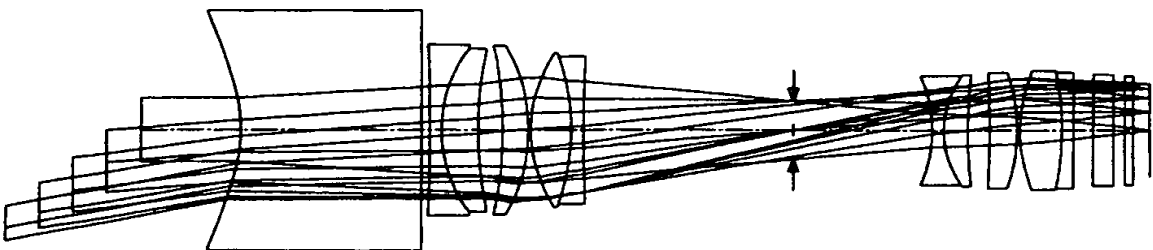


FIG. 35A

FIG. 35B

FIG. 35C

FIG. 35D

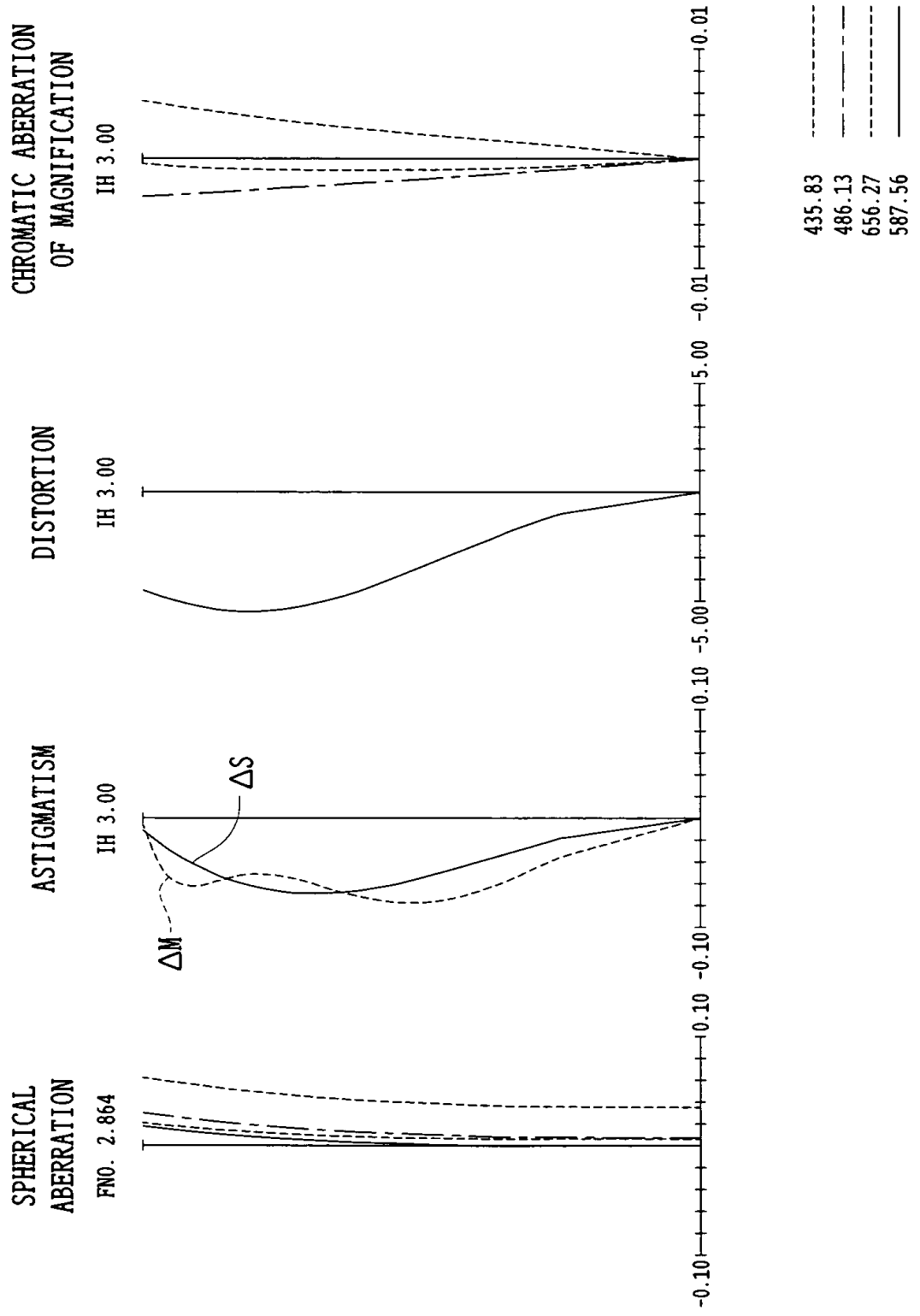


FIG. 36A

SPHERICAL
ABERRATION

FNO. 2.954

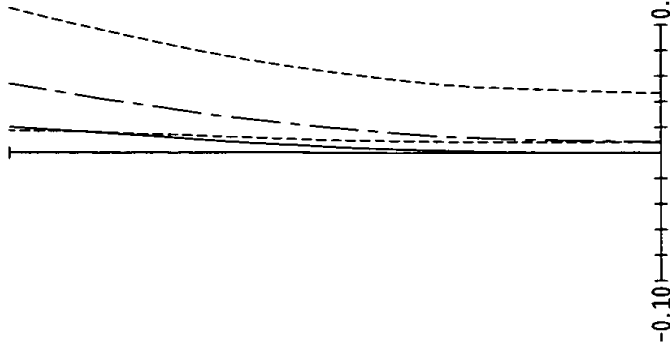


FIG. 36B

ASTIGMATISM

IH 3.00

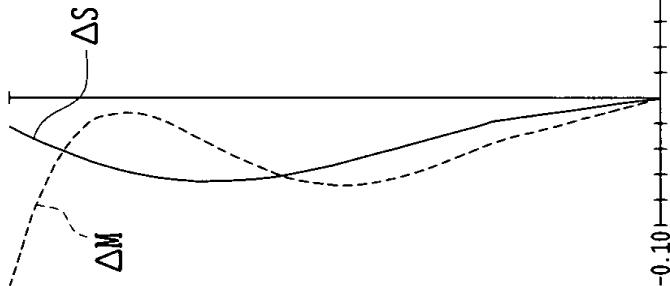


FIG. 36C

DISTORTION

IH 3.00

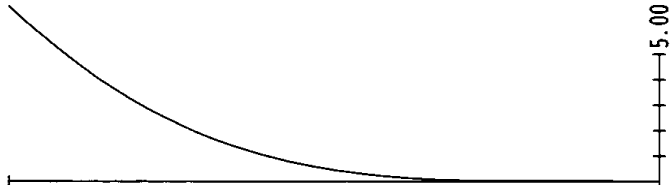
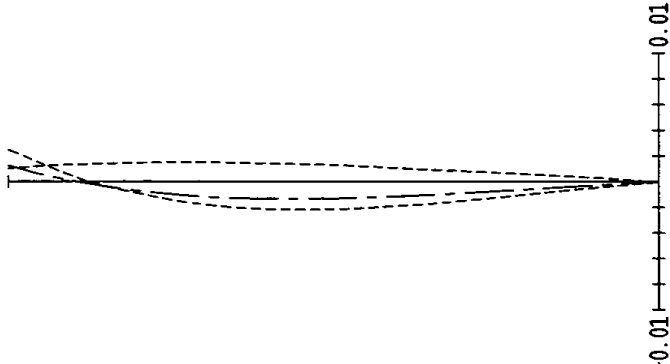


FIG. 36D

CHROMATIC ABERRATION
OF MAGNIFICATION

IH 3.00



- 435.83
- 486.13
- 656.27
- 587.56

FIG. 37B

FIG. 37C

FIG. 37D

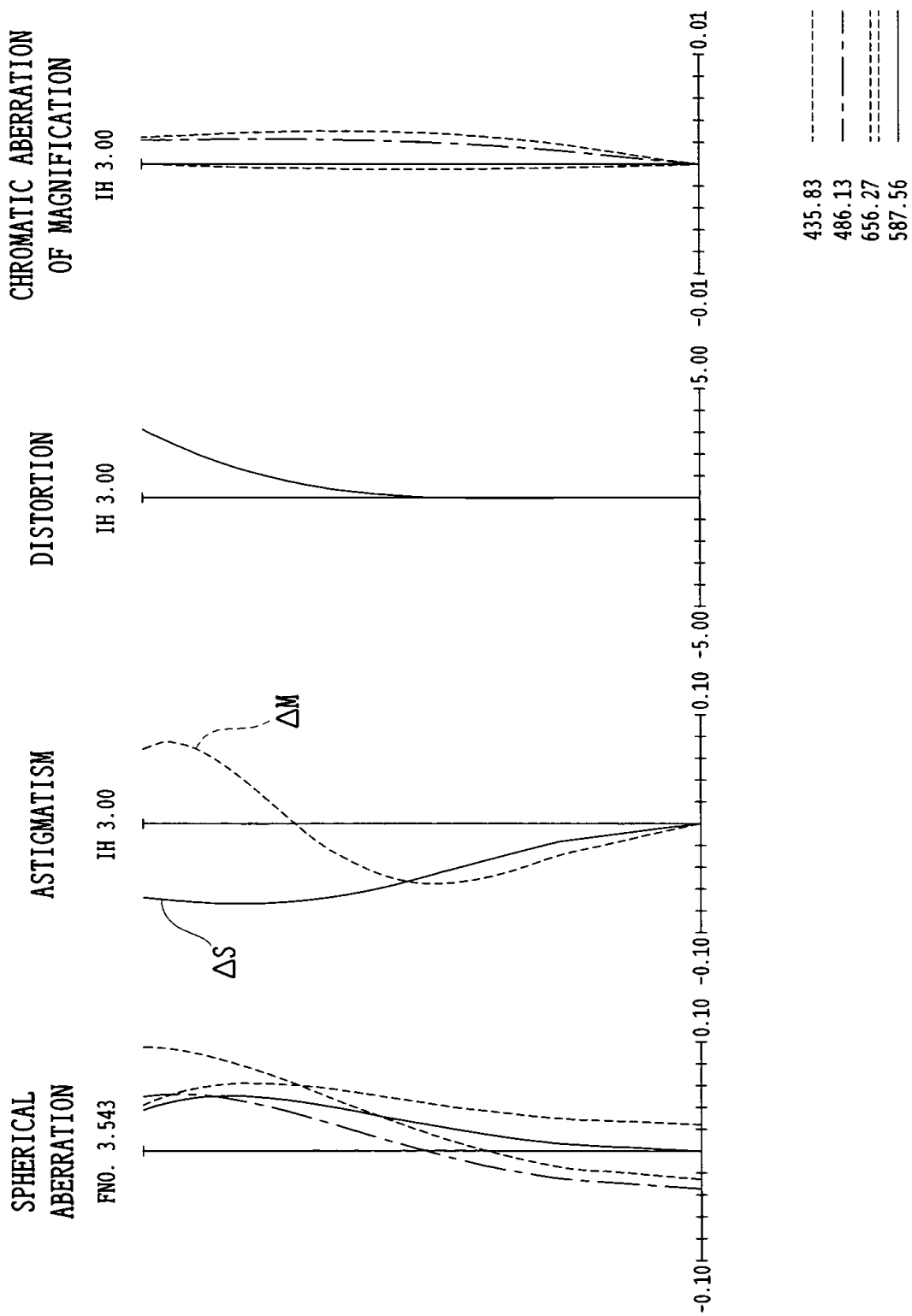


FIG. 38A

SPHERICAL
ABERRATION

FNO. 2.856

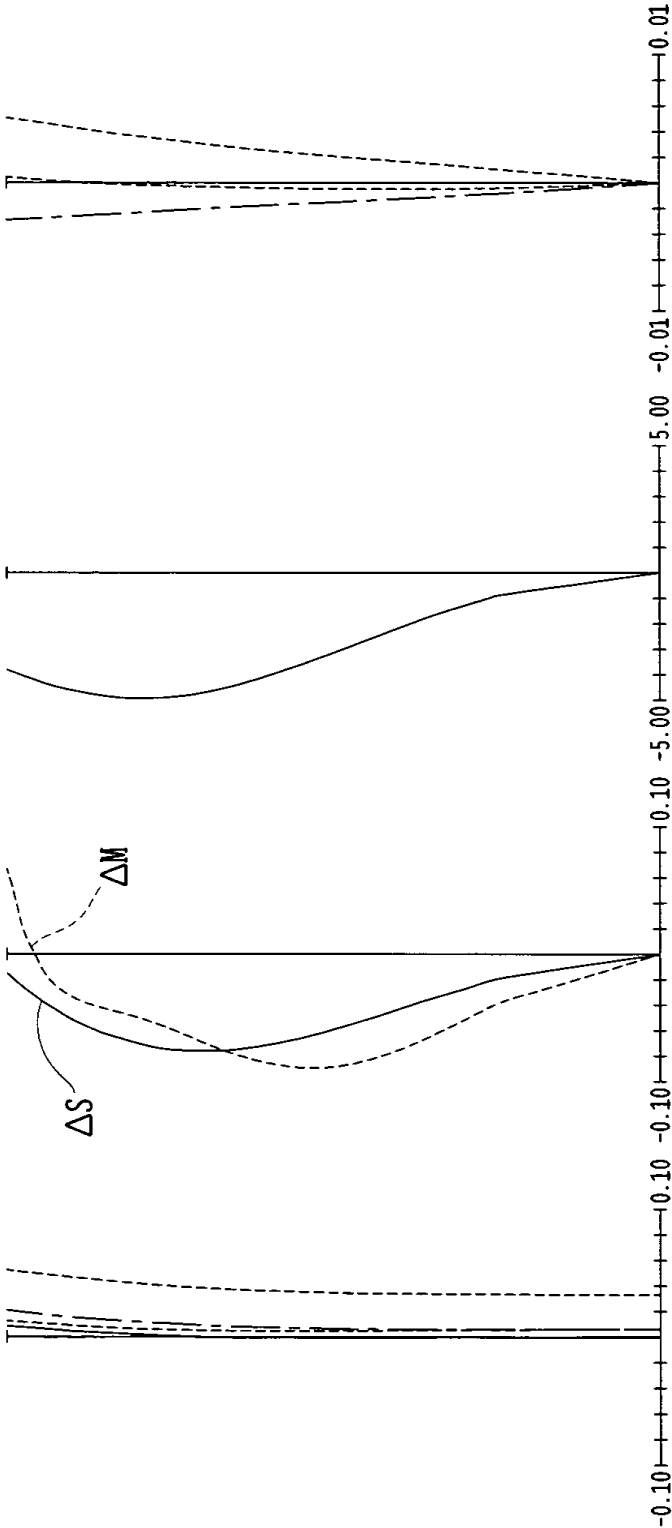


FIG. 38B

ASTIGMATISM

IH 3.00

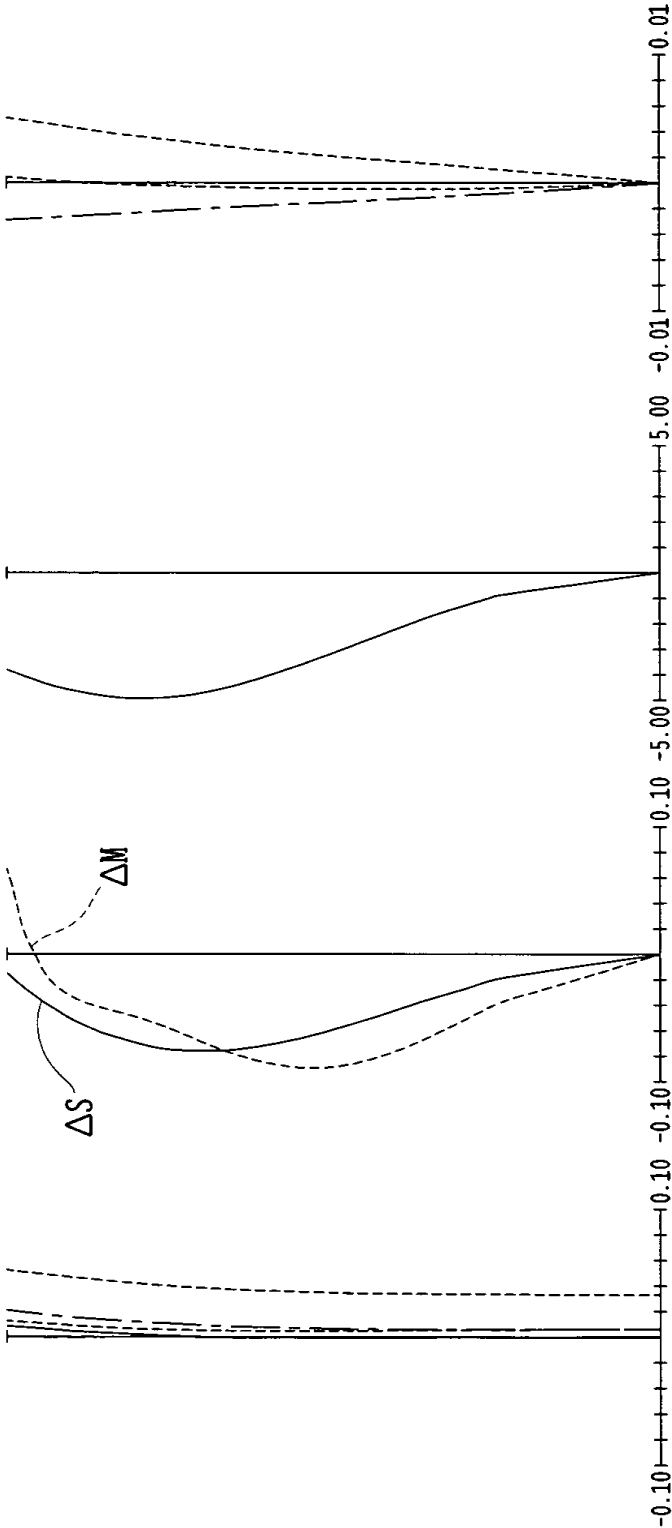


FIG. 38C

DISTORTION

IH 3.00

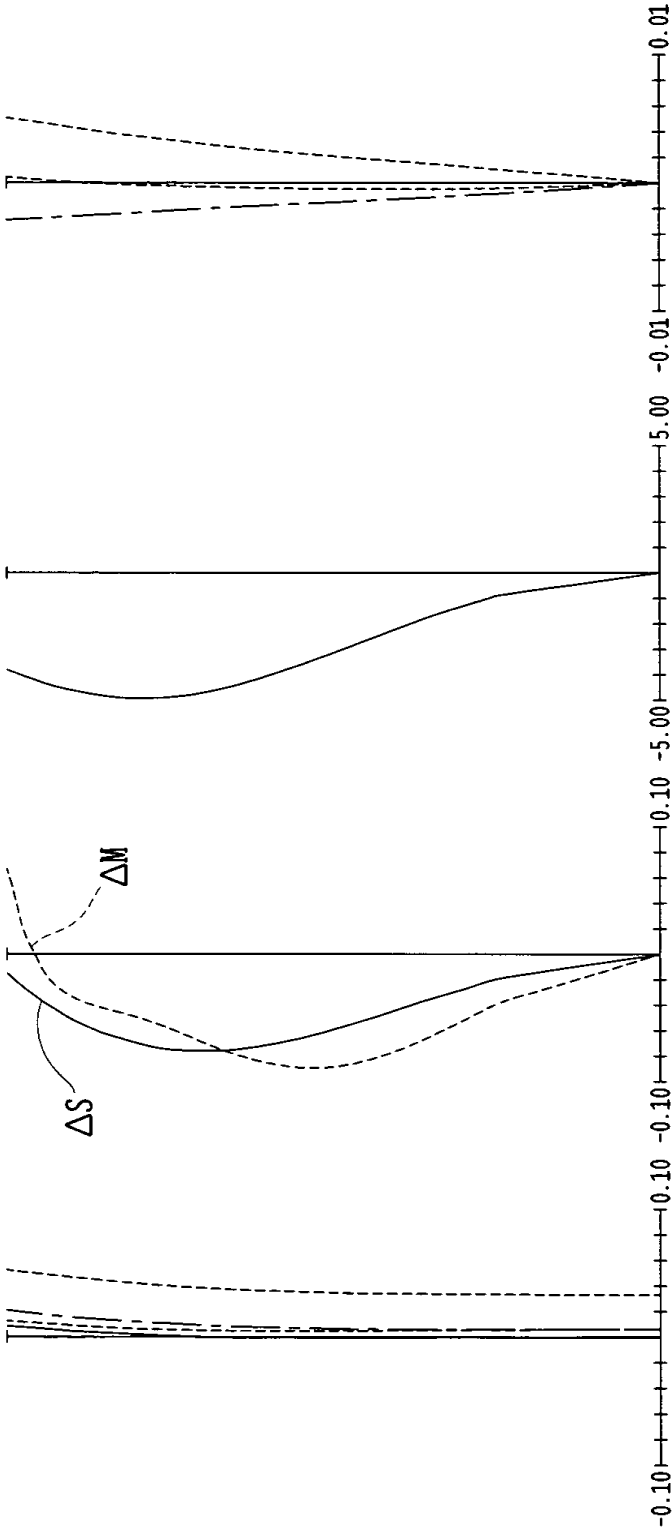
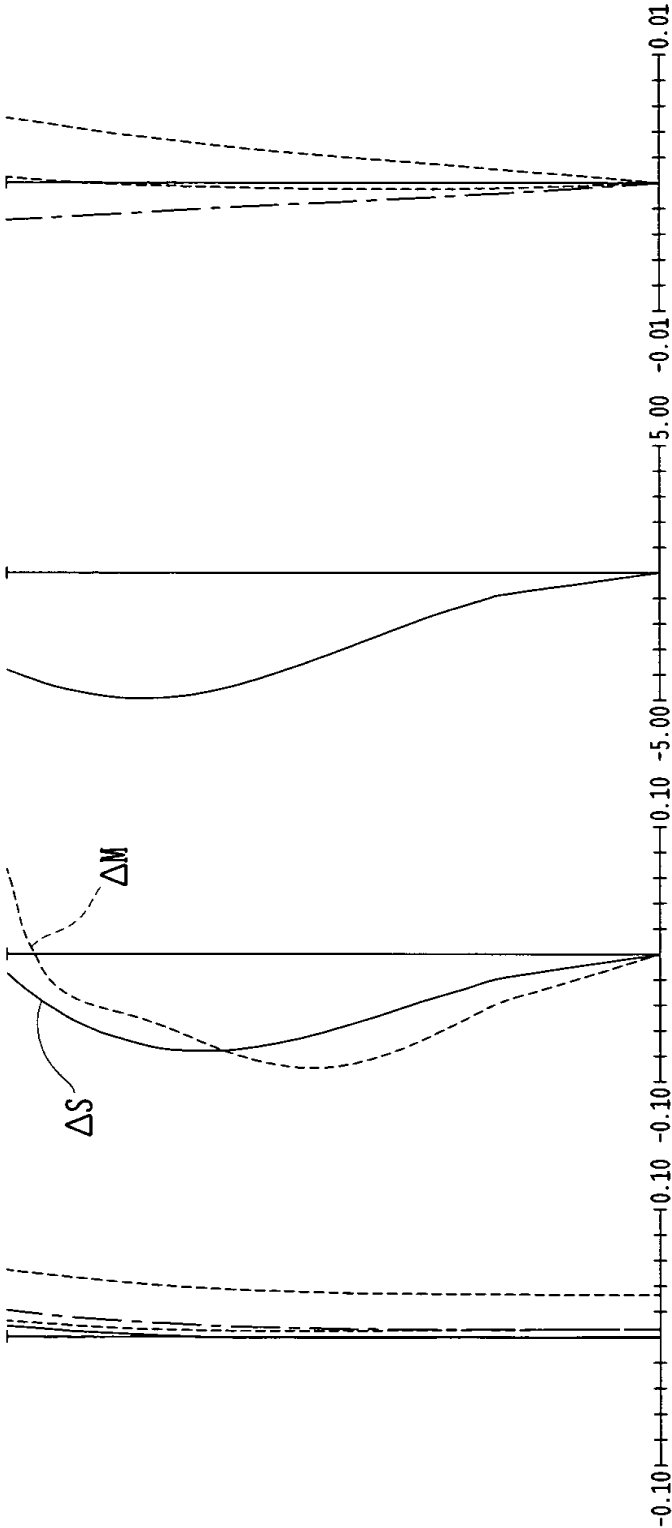


FIG. 38D

CHROMATIC ABERRATION
OF MAGNIFICATION

IH 3.00



435.83	----
486.13	----
656.27	----
587.56	----

FIG. 39A

FIG. 39B

FIG. 39C

FIG. 39D

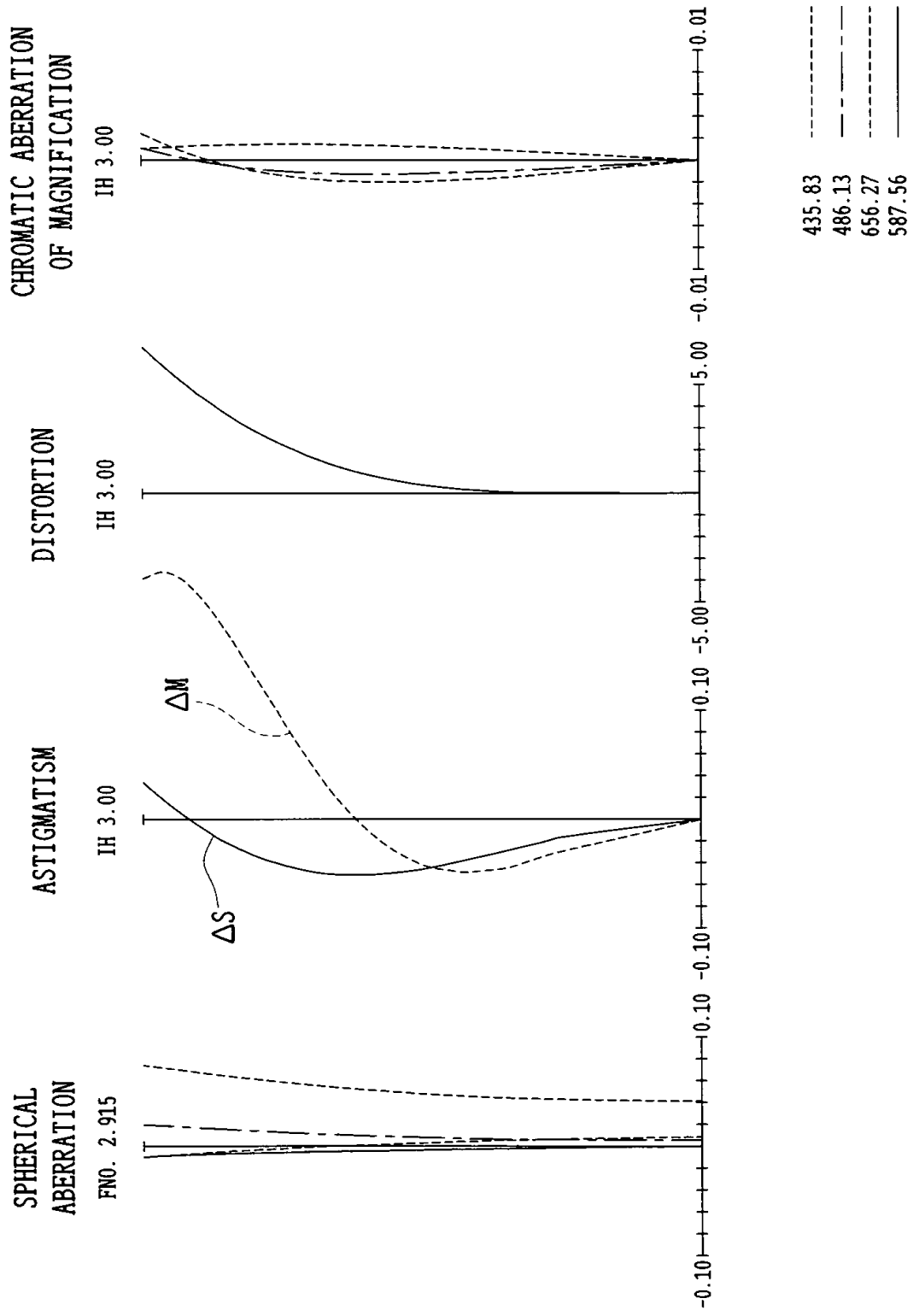


FIG. 40A

FIG. 40B

FIG. 40C

FIG. 40D

SPHERICAL
ABERRATION

FNO. 3.377

ASTIGMATISM

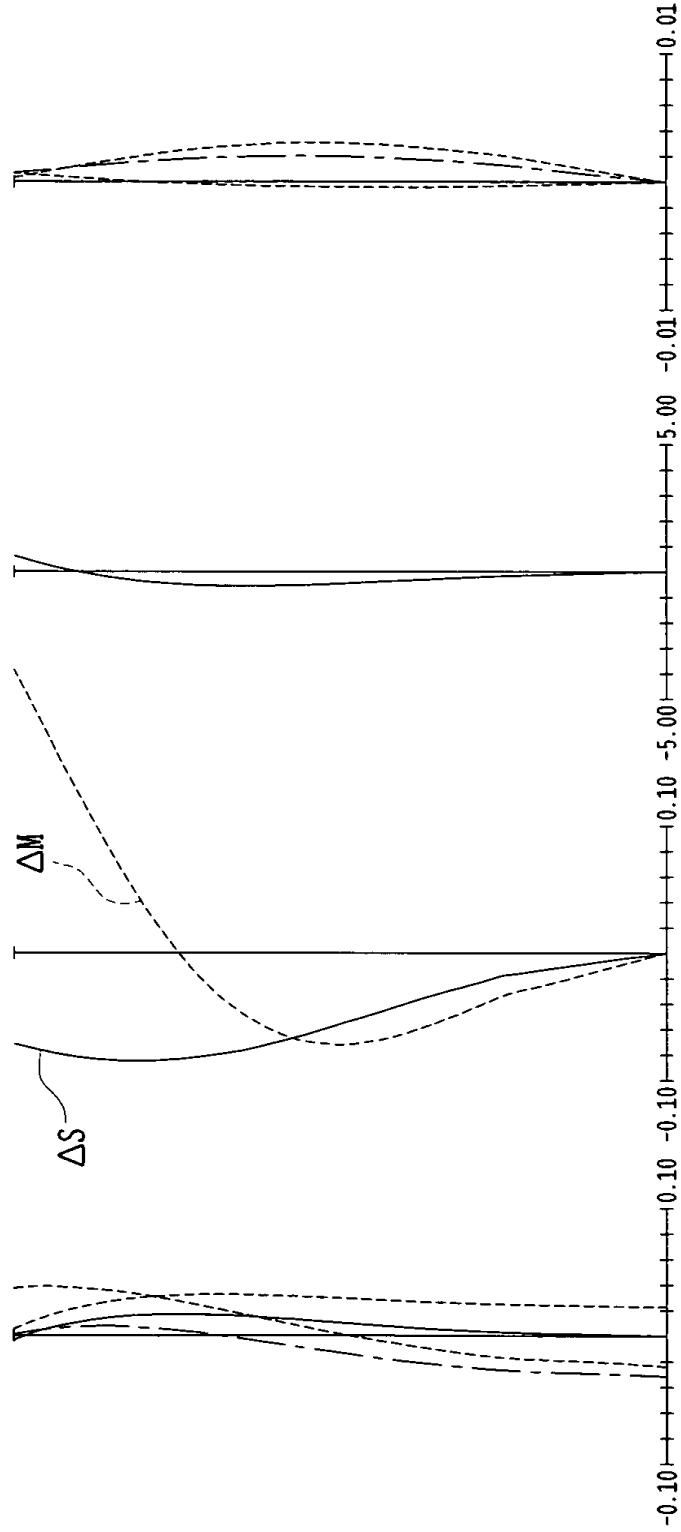
IH 3.00

DISTORTION

IH 3.00

CHROMATIC ABERRATION
OF MAGNIFICATION

IH 3.00



435.83
486.13
656.27
587.56